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## A New Mechanism To Identify Cost Savings in NHS Prescribing: Minimising “Price-Per-Unit”

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Appendix A - Formulations determined to be switchable.csv	

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Manuscripts

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## A New Mechanism To Identify Cost Savings in NHS Prescribing: Minimising “Price-Per-Unit”

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Richard Croker, Alex J Walker, Seb Bacon, Helen J Curtis, Lisa French, Ben Goldacre\*

All authors:

EBM DataLab

Centre for Evidence Based Medicine

Nuffield Department of Primary Care Health Sciences

University of Oxford

Radcliffe Observatory Quarter

Woodstock Road

Oxford OX2 6GG

\*Dr Ben Goldacre (corresponding)

ben.goldacre@phc.ox.ac.uk

Director, EBM DataLab

Senior Clinical Research Fellow, Centre for Evidence Based Medicine

Nuffield Department of Primary Care Health Sciences

University of Oxford

Radcliffe Observatory Quarter

Woodstock Road

Oxford OX2 6GG

**Abstract**

*Objectives:* We describe a new method of identifying potential savings due to large national variations in drug cost, including variation in generic drug cost; and compare these with potential savings from an established method (generic prescribing).

*Design:* Retrospective cohort study.

*Setting:* English primary care.

*Participants:* All general practices in the English NHS.

*Main outcome measures:* Potential cost savings, calculated by determining the price-per-unit (e.g. pill, ml) for each drug and dose within each general practice. This was compared against the same cost for the practice at the lowest cost decile, to determine achievable savings. We compared these price-per-unit savings to the savings possible from generic switching; and determined the chemicals with the highest savings nationally. A senior pharmacist manually assessed whether a random sample of savings were practically achievable.

*Results:* We identified a theoretical maximum of £410M of savings over 12 months. £273M of these savings were for individual prescribing changes worth over £50 per practice per month; this compares favourably with generic switching, where only £35M of achievable savings were identified. The biggest savings nationally were on glucose blood testing reagents (£12M), fluticasone propionate (£9M) and venlafaxine (£8M). Approximately half of all savings were deemed practically achievable.

*Discussion:* We have developed a new method to identify and enable large potential cost savings within NHS community prescribing. Given the current pressures on the NHS, it is vital that these potential savings are realised. Our tool enabling doctors to achieve these savings is now launched in pilot form at OpenPrescribing.net. However savings could potentially be achieved more simply through national policy change.

**Abbreviations**

BNF – British National Formulary

CCG – Clinical Commissioning Group

GP – General Practice

1  
2 MR – Modified Release  
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5 NHS – National Health Service  
6

7 NIC – Net Ingredient Cost  
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9 NP8 – Non-Part VIII, i.e. drugs not listed in Part VIII of the Drug Tariff  
10

11 PPU – Price-Per-Unit  
12

### 13 Strengths and weaknesses of the study 14

- 15 • The novel method of making prescribing savings described here can be directly  
16 implemented with the help of our associated tool, which is updated monthly.  
17
- 18 • We were able to measure the potential savings across all prescribing in England,  
19 eliminating bias. We also removed seasonal variation by aggregating savings over  
20 12 months.  
21
- 22 • The method described uses an automated method to identify potential savings,  
23 meaning that clinical judgement must be used to determine where switching  
24 between presentations is appropriate.  
25
- 26 • Some of the identified savings may not be achievable due to complexities in  
27 prescribing practices and unmeasurable factors such as rebates  
28

## Introduction

The spend on prescribing in England in primary care was £9.3bn in 2015 and has been broadly increasing in recent years [1]. It is therefore increasingly important that savings are found where possible, in order to deliver better value healthcare. However there is relatively little in the academic literature comparing methods for optimising costs in prescribing. Therapeutic switching is one conventional approach to achieve savings, where patients are switched to cheaper treatments from the same class. It is somewhat complex to implement, as it requires clinical expertise and knowledge of comparative effectiveness; and the change may not be suitable for all patients [2]. Generic switching is a common and more straightforward approach to saving resources: patients are switched from branded drugs to cheaper generic alternatives that are chemically identical [3,4].

There has been an overall increase in generic prescribing over the last decade, with 84.1% of prescriptions in England prescribed generically in 2015, compared with 80.1% in 2005 [1]. This, combined with patent lapse on several commonly prescribed medicines such as statins and antihypertensives, has led to a reduction in the remaining opportunities available for generic switching. However, there is still wide variation in the unit cost of a number of medicines prescribed across England, due to the way the reimbursement system is structured. As a consequence of this, the cost to the NHS of a generic prescription for the same treatment at the same dose can vary widely between practices, depending on the specific presentation that is dispensed: for example, a branded or generic version of the same treatment may have different prices; but different specific “brands” of “branded generic” may also have different prices. More detail is given in Box 1 for the policy and administrative background to these potential savings; and precise definitions of terminology are given Box 2.

As part of the OpenPrescribing.net project we run an openly accessible service to identify cost saving opportunities in NHS primary care prescribing data. We set out to develop a method to automatically identify cost saving opportunities from variation in the price-per-unit of a given treatment: by identifying the price-per-unit in each practice for each dose of each treatment; comparing this against the price-per-unit in the best 10% of most efficient prescribers; and using the volume of each treatment prescribed in each practice to rank and prioritise savings opportunities. This is then used to generate a tool which advises practices and CCGs on their biggest potential cost savings from switching prescriptions to a different brand or formulation. We then set out to determine the overall cost savings available to the NHS in England through this method, and compare it to cost savings from the current comparable approach of simple generic switching. Importantly, neither method involves

switching between different drugs, making both more readily achievable. We also discuss the practical implications of this proposed new approach to cost savings.

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**Box 1: The Drug Tariff and Potential for Cost Savings**

The NHS Business Services Authority Drug Tariff [5] is updated each month and outlines what will be paid to pharmacy contractors for NHS services provided, including the cost to be reimbursed for drugs. Savings by minimising price-per-unit are possible through various routes:

- **Switching from brand to generic:** there are still a number of prescriptions for conventionally branded preparations where a cheaper generic is available.
- **Switching to cheapest “branded generic”:** Some generic prescriptions have their reimbursement price based on the originator brand, despite there now being specific brands of generic (“branded generics”) available at lower cost.
- **Different formulations:** There can be multiple formulations of the same chemical entity on the market (such as capsules and tablets) at different prices: while some have different clinical benefits, others are effectively interchangeable.
- **Drugs not listed in the Drug Tariff (NP8):** Some drugs are not listed in Part VIII of the Drug Tariff, and therefore pharmacies will be reimbursed at the invoiced cost. This has led to some instances of very large variation in costs depending on which pharmacy dispensed the prescription. This is also the case for individually formulated (“specials”) medicines and unlicensed and imported medicines.
- **Different pack sizes:** For some medicines such as emollients there may be multiple pack sizes available. In these cases, the reimbursement is dependent on what pack size the pharmacy has endorsed, e.g. 5x100g may cost more than 1x500g for a prescription for 500g.

**Box 2: Definitions for Elements in UK NHS Prescribing Data**

The following terms are used for UK NHS prescribing data in general, and in this paper:

- An “item” is a prescription issued by a doctor, or other prescriber.
- A “chemical” is the active ingredient: for example “tramadol hydrochloride”.
- The “formulation” is the form in which the chemical is given: for example “tablet”, “capsule”, “liquid”, or “cream”.
- A “presentation” is all of: the chemical, the strength, the formulation, and then the generic name (if only a generic has been prescribed), or the brand name (if a specific brand has been explicitly prescribed). For example: “tramadol hydrochloride SR 100mg capsules” or “Zamadol SR 100mg capsules”.
- A “generic-equivalent presentation” is one step higher in the hierarchy than “presentation”: it is the chemical, the dose, and the formulation, but *not* the specific brand. For example, the “generic-equivalent presentation” of “tramadol hydrochloride SR 100mg capsules” would include everything prescribed as the generic “tramadol hydrochloride SR 100mg capsules”, but also everything prescribed as the brand “Zamadol SR 100mg capsules” which is a branded form of “tramadol hydrochloride SR 100mg capsules”.
- Every prescription is for a “quantity” of the “units” of the treatment: for example this can be the number of tablets or capsules; or the number of injections or inhalers; or millilitres of a liquid; or grams of a cream.
- The “price-per-unit” is the cost paid by the NHS for each “unit”.

**Methods***Data*

We used data from our OpenPrescribing.net project, which imports prescribing data from the monthly prescribing data files published by NHS Digital [6]. These contain data on cost and volume prescribed for each drug, dose and preparation, for each English general practice. Each row of data within the dataset describes prescribing of a presentation for one practice for that month giving total cost, total number of items (prescriptions), and total quantity prescribed (see Box 2 for terminology). For example, in a given practice we might see a number of rows of data for tramadol hydrochloride 100mg modified release preparations: one for tramadol hydrochloride 100mg MR tablets where this was prescribed generically; one for tramadol hydrochloride 100mg MR capsules where this was prescribed generically; but also separate rows for, for example, Tramulief SR 100mg tablets and Zamadol SR 100mg capsules where these were specified by the prescriber as branded generic presentations. We used 12 months of data, from October 2015 to September 2016.

*General Principles*

We intend the savings illustrated here to be realistically achievable by a well implemented medicines optimisation programme, and assume that perfect prescribing is not always possible. We have therefore not used perfect prescribing as a reference to determine potential savings, but instead compared each practice against the performance of the practice at the 10th percentile of best performance for each cost saving opportunity. We have also assumed that prescribing behaviour changes yielding only very small savings are not necessarily cost effective. Savings under £1 per practice per month were therefore excluded from all analyses; we have also applied an additional floor to the value of each savings action for some of the analyses, for example requiring that each action will save at least £50 per practice per month. For efficient practices already performing at better than the 10th percentile on a given measure (where worsening performance to match the 10th percentile would have resulted in increased costs) possible savings were assumed to be £0. Savings were calculated separately for each month and then aggregated over the year, as individual prices and prescribing may change on a monthly basis. We have also assessed achievability of all savings opportunities by manually reviewing a representative random sample with a senior medicines optimisation pharmacist as described below.

*Calculating Savings from “Generic Switching”*

We calculated savings available due to generic switching by matching each branded drug to the equivalent generic presentation, where available. Following the NHS Digital prescribing data definitions, branded drugs were identified as those with anything other than “AA” in

1  
2 characters 10 and 11 of the BNF code [7]. Their generic equivalents were matched by  
3 identifying presentations with the same chemical code (first 9 characters) and format code  
4 (last 4 characters), but with “AA” in characters 10 and 11. Maximum theoretical savings were  
5 calculated at the practice level, by determining what the cost of prescribing for this treatment  
6 and dose would have been if all branded medications had been prescribed at the average  
7 cost for the generic equivalent. We then report the level of saving that would have been  
8 achieved if each practice prescribed the same proportion of branded drug as the practice at  
9 the best performing 10th percentile for this proportion. For the main analysis, we only  
10 included positive savings; we also describe how the savings would be affected if situations  
11 where generic switching results in *increased* costs are included.  
12  
13

#### 14 19 *Calculating Savings from “Price-Per-Unit” Switching*

20 For every individual month, and for every practice, we calculated the mean price-per-unit for  
21 every generic-equivalent presentation. For example, this would be the mean price-per-unit of  
22 all “tramadol hydrochloride 100mg MR capsules” prescribed, regardless of whether this was  
23 prescribed as “tramadol hydrochloride 100mg MR capsules”, or “Zamadol SR 100mg  
24 capsules” or “Tramquel SR 100mg capsules” (each a branded presentation of tramadol  
25 hydrochloride 100mg MR capsules). Generic-equivalent presentations were matched to the  
26 code of the generic presentation by collapsing all presentations with the same chemical code  
27 (first 9 characters), where characters 14 and 15 match those of characters 12 and 13 of the  
28 generic presentation’s code, onto the generic presentation’s code, to make a generic-  
29 equivalent presentation.

30 Having ascertained the mean price-per-unit in each individual practice for each generic-  
31 equivalent presentation, we then identified the practice at the 10th percentile for price-per-  
32 unit for each generic-equivalent presentation. We used this price, and the quantity  
33 prescribed at each practice, to calculate how much each practice could have saved if it had  
34 prescribed that generic-equivalent presentation as cost-efficiently as the practice at the 10th  
35 percentile. Additionally, we have combined all formulations (e.g. tablets and capsules) at  
36 “generic-equivalent presentation” level where we are aware that these are clinically  
37 interchangeable, as per the table in Appendix A. We have also excluded some potential  
38 substitutions where it was determined that switches were not comparable, as per Appendix  
39 B.

40 While this data processing is complex to describe in full reproducible detail, for end-users  
41 (specifically, general practitioners) the message is simple: “tramadol hydrochloride 100mg  
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3 MR is available in many forms; they are all interchangeable; here are the cost saving  
4 opportunities from switching.”  
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7 *Describing Variation*  
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9 The savings for generic switching and minimising price-per-unit were calculated for each  
10 practice, for every generic-equivalent presentation, for each month. We have presented the  
11 total savings available nationally from each method; and the number of distinct actions  
12 required to obtain those savings, where an action is a practice changing their choice of  
13 prescribed presentation for one generic-equivalent presentation (for example, following our  
14 notification of potential cost savings, the practice may decide to: “always prescribe Zamadol  
15 200mg MR capsules when you want Tramadol 300mg MR, as these are the cheapest”).  
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18 We provide summary statistics on the size of the cost saving opportunities. As well as total  
19 possible savings, we also present savings available if only actions over a certain amount per  
20 practice per month were included: these are presented for hard thresholds (over £50, £100,  
21 £500 and £1000) and also represented graphically using continuous thresholds.  
22  
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24 We have also calculated the total aggregated savings and actions at each practice by each  
25 method, presented summary statistics to describe these overall savings per practice, and  
26 produced a histogram to show the distribution of total savings in practices, in order to  
27 demonstrate how these savings are distributed throughout the practice population, and  
28 whether a small number of practices are prescribing particularly inefficiently. In order to  
29 explore what level of savings are achievable by approaching a smaller number of practices,  
30 we also generated a graph to show the cumulative savings achievable by addressing  
31 inefficiencies in each practice, ranked by savings. Lastly, we present aggregated national  
32 savings at chemical level, to determine which chemicals offer the greatest level of potential  
33 savings, and estimate the savings opportunities from only targeting a specific smaller  
34 number of chemicals.  
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48 *Achievability*  
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50 Not all potential savings can be realised. There may sometimes be a reasonable clinical  
51 justification for a specific patient to be prescribed a branded treatment in place of the generic  
52 equivalent. Similarly, not all variation in price-per-unit can be addressed by individual  
53 clinicians: there may variation in local availability of a specific cheaper branded generic;  
54 some variation may be due to pack size or “specials” (presentations made bespoke for  
55 individual patients). Lastly, some of the money lost in the price paid for a dispensed  
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2 presentation may be made up through a complex system of “rebates” paid by specific  
3 pharmaceutical companies to specific CCGs on specific products. These arrangements are  
4 not routinely disclosed: they therefore undermine transparency around price paid by the  
5 NHS for medical treatments, and render assessments of inefficiency complex; they also  
6 have complex long-term consequences, as they may result in patients being initiated on  
7 expensive products long-term with an initial discount that is then taken away over time.  
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10  
11 To assess the impact of these issues on the savings identified, a senior pharmacist (RC)  
12 running a medicines optimisation team at a large CCG manually reviewed the top 10 cost  
13 savings opportunities identified from price-per-unit in 10 randomly selected practices, and  
14 categorised them according to their achievability. We also categorised savings according to  
15 whether they arose as a result of “specials”, variation in broken pack size, or different areas  
16 of the drug tariff.  
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## Results

### *Savings from Generic and Price-Per-Unit Switching*

Summary data on national savings are presented in Table 1. If every practice substituted equivalent generics at the level of the best performing decile for each presentation, the theoretical maximum saving is £56.3m, from 1.83 million distinct cost saving actions. Restricting the analysis to only actions that can save a practice more than £50 per month yields a total of £34.8m in savings from 298,000 actions, with a median saving of £82 per action. If every practice minimised price-per-unit to the same degree as the best decile of practices for each presentation, then the theoretical annual maximum saving is £410m, from over 14 million actions. Restricting the analysis to only actions that can save a practice more than £50 per month yields a total of £273m in savings from optimising price-per-unit, spread across 2.04 million actions, a median cost saving for each practice of £92 per action. The savings from optimising price-per-unit are therefore an order of magnitude greater than those from the conventional approach of generic switching. This is due to a larger number of cost saving actions available from optimising price-per-unit.

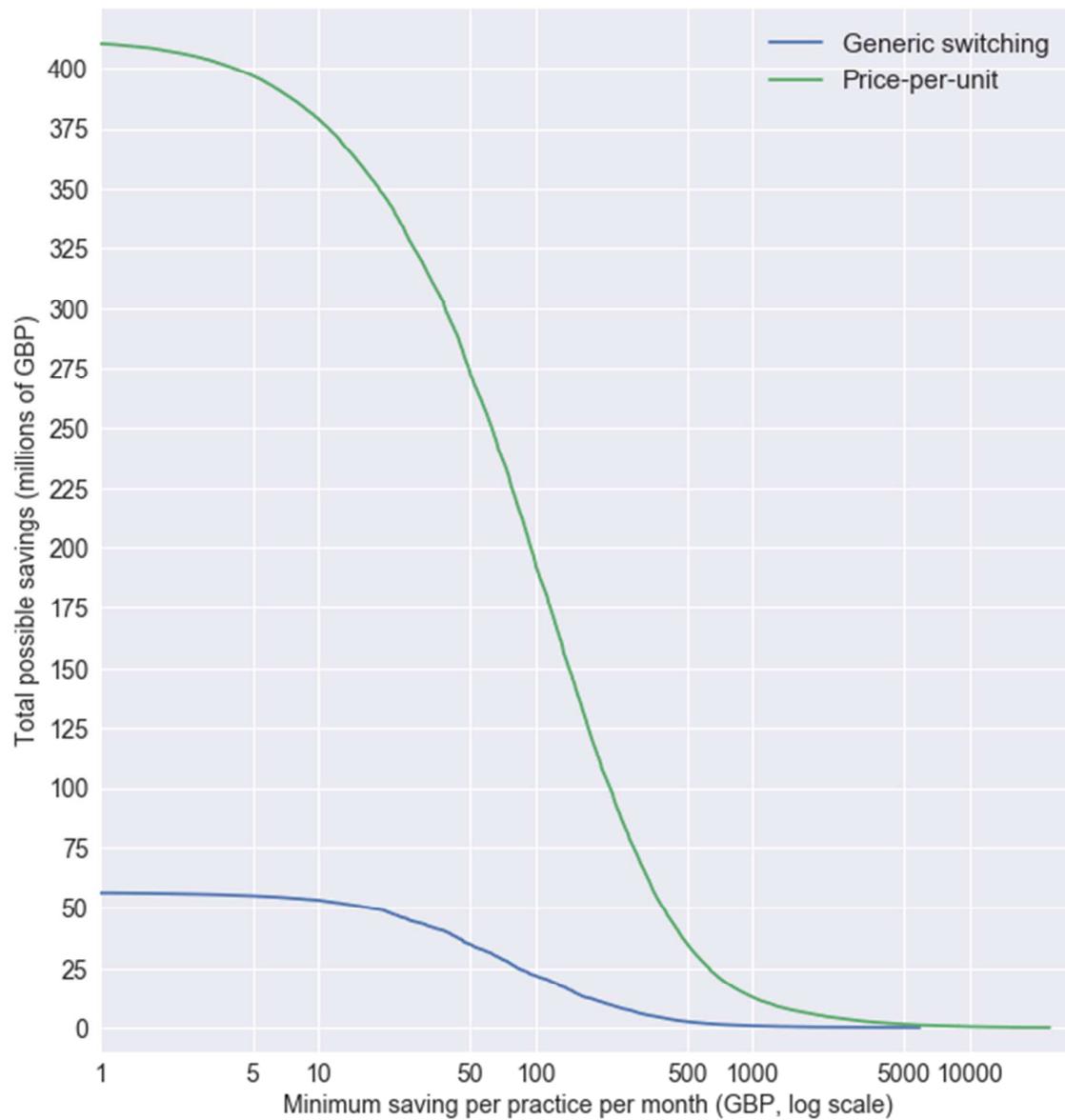
Table 1: Potential savings for the two cost saving methods

	Generic switching			Price-per-unit		
	Total annual savings (millions)	Number of actions	Median monthly cost saving per action	Total annual savings (millions)	Number of actions	Median monthly cost saving per action
Theoretical maximum savings	£56.3	1,828,802	£13	£410.4	14,274,013	£8
Savings over £50/month	£34.8	298,094	£82	£273.5	2,035,124	£92
Savings over £100/month	£21.9	112,701	£150	£193.7	905,352	£159
Savings over £500/month	£2.5	3,167	£636	£35.0	41,362	£655
Savings over £1000/month	£0.7	476	£1,311	£12.7	7,283	£1,342

The level of total possible savings varies according to the minimum cost saving threshold imposed on the data. Savings from limiting actions to only those over higher value

thresholds are presented in Table 1 for discrete categories, and as continuous data in Figure 1, to help guide choices on the trade-off between the savings that can be yielded and the effort required to achieve them.

Figure 1: Distribution of total possible savings (y-axis), showing how much total saving there would be if only those over £x per practice per month (x-axis) were implemented, for both generic switching and minimising price-per-unit



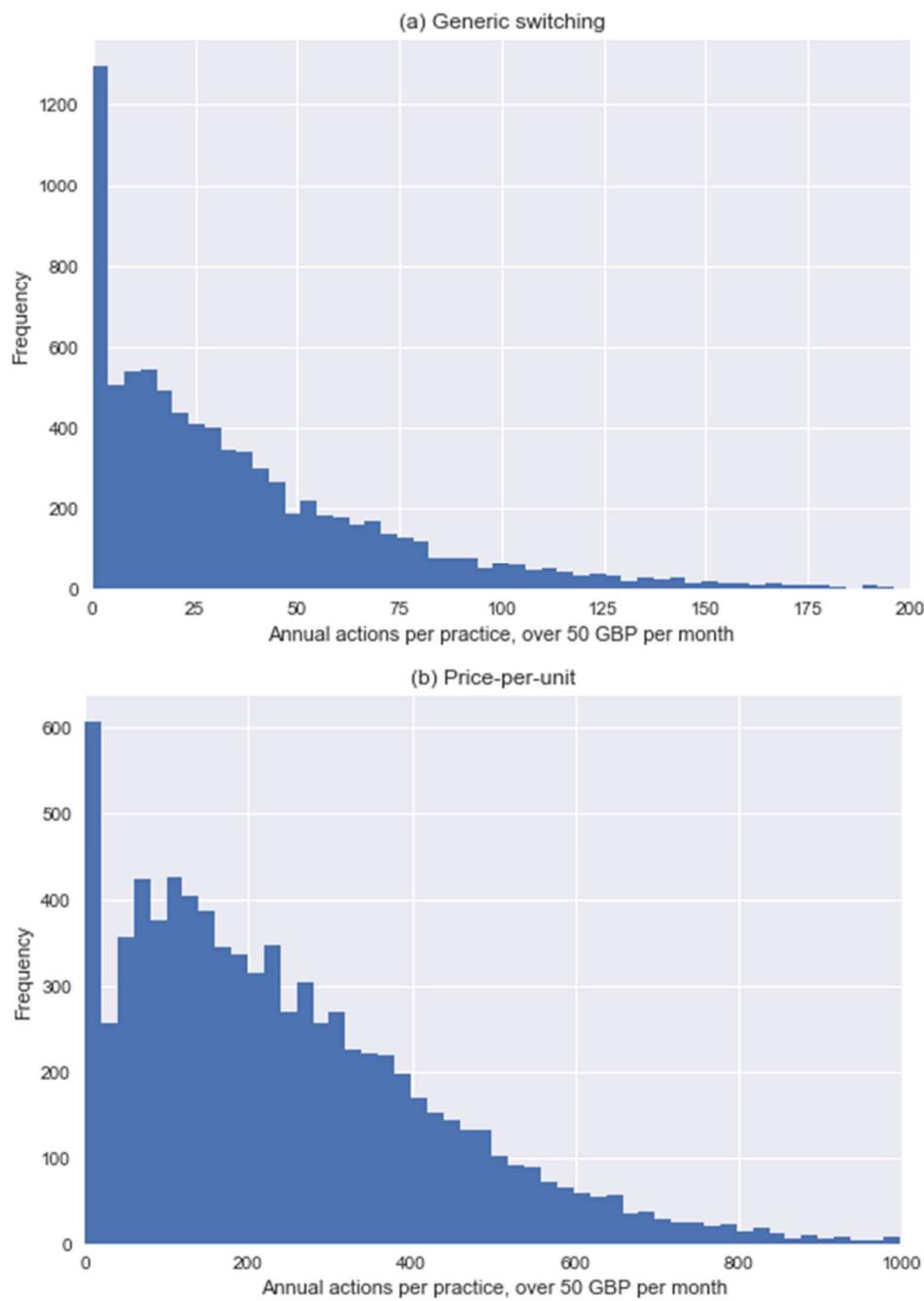
#### Cost Savings Per Practice, Generic Switching

The mean cost saving possible per practice over the year from generic switching was £6,880, across the 8,180 practices included; this fell to £4,251 when only counting actions

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3 that yield over £50 per month. Practices had a mean of 36 cost saving actions over £50 per  
4 month over the course of the year (median 26, 5th percentile 0, 95th percentile 109). The  
5 distribution of the number of savings per practice over the year is shown in Figure 2(a). 810  
6 practices (9.9%) had no cost saving actions over £50 per month.  
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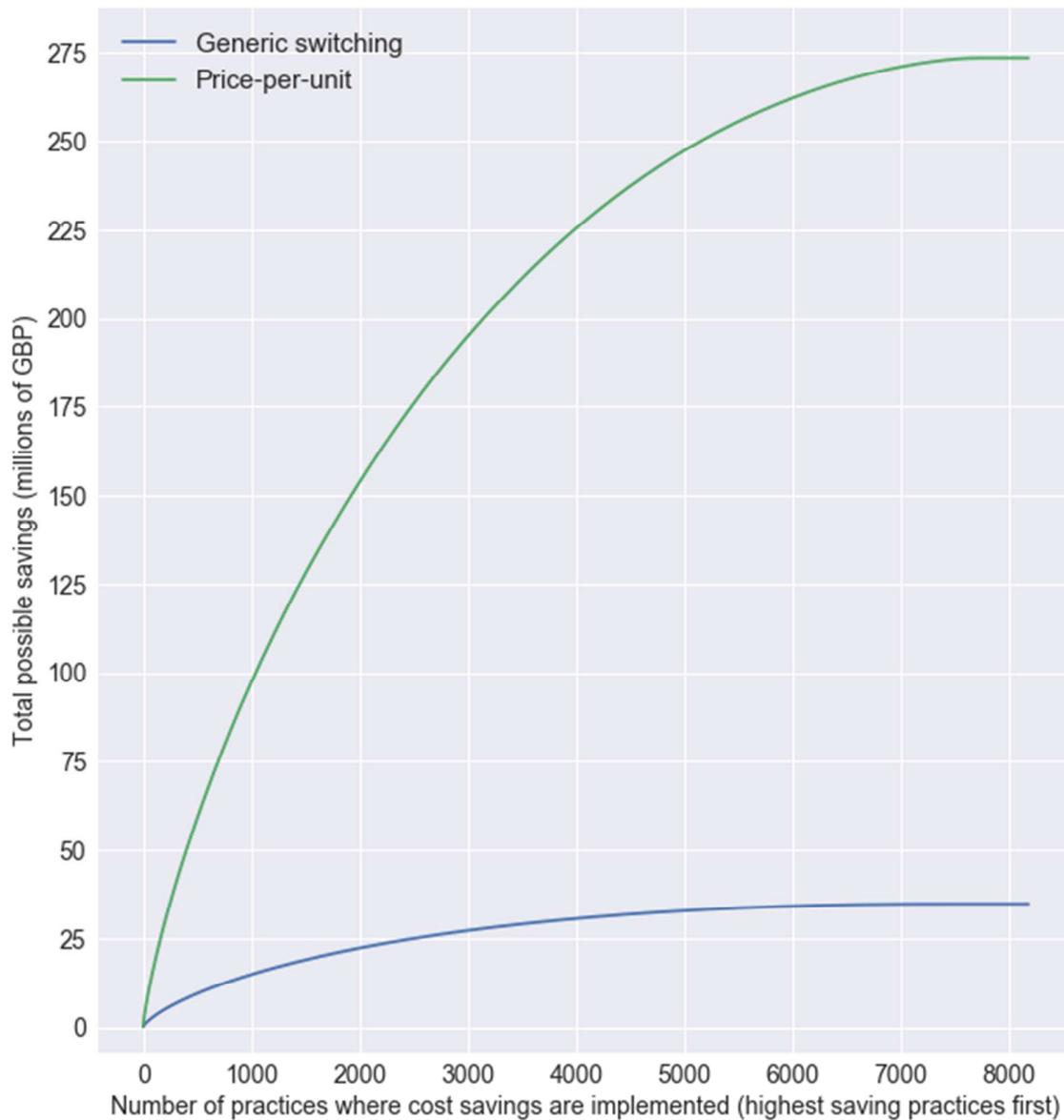
Figure 2: Distribution of the number of actions for each practice over a year, for actions over £50 per month, for (a) generic switching, (b) minimising price-per-unit



The distribution of total cash value from savings among practices is shown in Figure 3. If only the top 25% of practices made all possible savings over £50 per action, then there would still be £22.5m of savings from generic switching, and £155.9m of savings from addressing savings from improvements on price-per-unit. Lastly, we calculate that

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3 implementing just the top 3 savings per practice for each month would yield savings of  
4 £23.9m.  
5  
6

7 *Figure 3: Illustration of the possible savings (y-axis) when actions over £50 per practice per*  
8 *month are implemented in an increasing number (x-axis) of practices, with savings in the*  
9 *highest saving practices implemented first*



#### 51 Cost Savings Per Practice, Price-Per-Unit Switching

52 At the practice level, there was a mean total of £50,166 of savings per practice per year,  
53 across the 8,180 practices (£33,433 for savings over £50). Practices had a mean of 248 cost  
54 saving actions over £50 per month, over the course of the year (median 209, 5th percentile  
55

0, 95th percentile 620). The distribution of the number of savings over £50 for the year is shown in figure 2(b). 441 practices (5.4%) had no cost saving actions over £50. If only the least efficient 25% of practices made all possible savings over £50 per action, then this would still yield £155.9m of savings (figure 3). Implementing just the top 3 savings per practice for each month would yield savings of £86.7m.

#### Cost Savings Per Chemical, Generic Switching

The cost savings available from generic switching were divided between 578 BNF presentations, and 317 different BNF chemicals, with the maximum potential saving at chemical level being for Levetiracetam (£10.2m). The top 10 savings at BNF chemical level are shown in Table 2. National savings from addressing generic switching on these chemicals alone would total £30.0m.

Table 2: Top 10 savings for generic switching, by BNF chemical name

BNF chemical code	Chemical name	Potential saving per year
0408010A0	Levetiracetam	10,214,151
0703021Q0	Desogestrel	4,967,839
0212000B0	Atorvastatin	2,546,116
0301020S0	Glycopyrronium Bromide	2,480,091
0106040M0	Macrogol 3350	2,030,447
0103050E0	Esomeprazole	1,925,282
1106000L0	Latanoprost	1,565,643
0802010M0	Mycophenolate Mofetil	1,515,336
0407041T0	Sumatriptan Succinate	1,403,414
040801050	Topiramate	1,348,505

#### Cost Savings Per Chemical, Price-Per-Unit Switching

The savings from optimising price-per-unit were spread across 3,275 BNF presentations, and 912 different BNF chemicals, with the maximum potential saving at chemical level being for Glucose Blood Testing Reagents (£12.0m). The top 10 savings at BNF chemical level are shown in Table 3. Savings from optimising price-per-unit on these 10 chemicals alone would

total £66.5m. As a proportion of total national efficiency opportunities, cost saving actions from price-per-unit are dispersed over a wider number of chemicals, and a larger number of high-value actions. Yielding these savings therefore requires, to a greater extent, that each practice has access to actionable data on their own specific cost saving opportunities, rather than a list of most common chemicals to examine for possible savings.

Table 3: Top 10 savings for price-per-unit switching, by BNF chemical name

BNF chemical code	Chemical name	Potential saving per year
0601060D0	Glucose Blood Testing Reagents	11,969,900
0302000N0	Fluticasone Propionate (Inh)	9,279,710
0403040W0	Venlafaxine	7,699,071
0302000K0	Budesonide	6,631,387
0408010A0	Levetiracetam	5,624,539
0407010F0	Co-Codamol (Codeine Phos/Paracetamol)	5,203,179
0105010B0	Mesalazine (Systemic)	5,190,272
0704020N0	Tolterodine	5,013,993
0408010H0	Lamotrigine	4,996,309
0302000K0	Budesonide	4,926,375

#### Achievability of Savings

A senior pharmacist running a medicines optimisation team at a large CCG (RC) manually reviewed the top 10 cost savings opportunities identified from price-per-unit switching in 10 randomly selected practices, and categorised them according to whether they could be achieved by GPs in the NHS. 12% of savings by cash value were regarded as “very hard to achieve”, mostly due to price variation arising from variation in pack size. Certain items, such as creams and emollients, have lower costs per unit for larger pack sizes: for example, if a GP prescribes 2500g of Aveeno cream, the pharmacist can dispense and endorse 25x100g packs, or 5x500g packs, with the latter incurring higher costs; this variation is hard for prescribers to control, as it can occur even where the GP specifies 5x500g. 38% of savings by cash value were regarded as “unclear”: these were principally treatments where the pharmacist again has extensive discretion, specifically bespoke “specials” where price can

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3 be arbitrarily higher or lower; and drugs which are not covered by the standard NHS drug  
4 tariff (listed as “NP8” in the drug tariff documentation). 11% were regarded as “achievable  
5 with additional intervention”: this included, for example, savings from different brands of  
6 glucose test strips where the switch would also require procurement of a new meter to match  
7 the new brand.  
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11 There is also an issue of “primary care rebate schemes”. These are payments made by  
12 pharmaceutical companies to CCGs to reimburse them for a proportion of the list price of the  
13 medicine, and to possibly incentivise use of specific medicines. While they may help to  
14 reduce short-term treatment costs, they may also result in patients being maintained  
15 medium- or long-term on more expensive interventions; and may normalise the use of higher  
16 cost medicines across the health service. Rebates are not well known in the medical  
17 community, and full details are not routinely disclosed, as the schemes are exempt from  
18 Freedom of Information requests due to confidentiality clauses in the contracts between the  
19 parties. From reviewing cases where rebates from the pharmaceutical industry have been  
20 disclosed by CCGs in response to Freedom of Information Act requests, and linking these to  
21 prescribing data, we estimate that approximately 7% of all potential price-per-unit savings  
22 may be affected, although the medium-term impact on NHS expenditure is inherently hard to  
23 model [8].  
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26 It is not possible to use data to automatically identify all PPU savings opportunities that  
27 harder to achieve; and achievability for the same savings opportunity will vary regionally  
28 depending on how local services are organised. We therefore caution that the savings  
29 figures given in this paper should be regarded as estimates, and suggest that an appropriate  
30 discount is applied for achievability using the estimates given above, perhaps using an  
31 estimated discount of 50%.  
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## Discussion

### Summary

Using our price-per-unit method we found a theoretical maximum annual saving of £410m, compared with £56m for generic switching. Restricting the analysis to only include those prescribing changes which save a practice more than £50 per month reduced the savings to £274m from PPU and £35m from generic switching. Applying a further discount of 50% for achievability to the PPU savings leaves estimated savings of £137m. The practically achievable savings from improving PPU efficiency therefore represent 1.5% of the overall NHS spend on primary care prescribing (£9.3bn in 2015) [1]. We also found that in the current pricing market, blindly prescribing generically can sometimes result in *increased* cost for some drugs, meaning the total potential saving from this older conventional method is further reduced.

### Advantages/disadvantages

We were able to measure all prescribing across the whole of England, meaning that there was no possibility of obtaining a biased sample. Aggregating savings over 12 months removed all seasonal variation. We did not attempt here to compare the savings identified with those for therapeutic switching, another established method of making savings: this was determined to be impractical as therapeutic switching involves switching between similar but distinct drugs, requiring specific clinical judgement in each case, including potentially adjusting dose or other medication; this would additionally require a manually curated list of equivalent treatments covering all treatments prescribed, which is impractical. We are not aware of any detailed analysis of current cost savings from therapeutic switching; however we note that the savings estimates from older crude estimates [3,4] in commentary papers would no longer hold, as they estimate savings from therapeutic switching in drug classes such as statins where nearly all drug patents expired some time ago.

It is possible that there are additional challenges to achievability of some switches, beyond those described above. For example: rarely there may be licensing differences, where two drugs which are bioequivalent are not both licensed for all possible uses, and therefore cannot be used interchangeably by a clinician who is concerned by this discrepancy; rarely there is non-bioequivalence, where some drugs within a generic class cannot always be considered clinically equivalent; and individually manufactured and imported drugs can vary wildly in costs due to different import routes, which are outside the control of the prescriber.

1  
2 Our calculations use the NHS Net Ingredient Cost (NIC), which is the list price as defined by  
3 the Drug Tariff or where agreed with manufacturers, as opposed to the Actual Cost, which is  
4 calculated using the following formula:  
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8                   Actual Cost = (Net Ingredient Cost less discount<sup>a</sup>)  
9                   + Payment for Consumables<sup>b</sup>  
10                  + Payment for Containers<sup>c</sup>  
11                  + Out of Pocket Expenses<sup>d</sup>

- 12  
13                  a) This is discount which pharmacies are assumed to have been given by their  
14                  suppliers (around 7% during the study)  
15                  b) e.g. 5ml spoon (paid at 1.24p for all prescriptions, not just those requiring a  
16                  consumable)  
17                  c) Where the original pack has been split due to a different quantity being  
18                  requested (paid at 10p per prescription where needed)  
19                  d) Exceptional costs, such as delivery charges

20 Although the Actual Cost more accurately reflects the total spend to the NHS, the addition of  
21 container payments and out-of-pocket expenses can affect the price-per-unit, particularly  
22 where the prescribed quantities are small and are inexpensive, leading to multiple price-per-  
23 unit figures for the same presentation. Using NIC avoids these multiple figures, and instead  
24 calculates the price-per-unit based solely on NHS list price, providing a more consistent  
25 calculation, albeit with marginally overestimated savings.  
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29 *Policy implications and further research*

30 We have identified significant opportunities for savings that arise because of complexities in  
31 the systems for pricing and dispensing medicines. Realising these savings requires that  
32 clinicians are given access to user-friendly tools that allow them to identify where their  
33 prescribing presents savings opportunities; and helps them to identify the treatment with the  
34 lowest cost. We have recently launched a pilot version of such a tool at OpenPrescribing.net,  
35 and will be monitoring user feedback and use statistics.

36  
37 However in our view, rather than requiring individual doctors to achieve individual savings,  
38 much of the variation in price-per-unit could be managed better through policy changes to  
39 address loopholes and oversights in the regulations around pricing and dispensing. While an  
40 extensive discussion is beyond the scope of this paper, much could also be achieved by  
41 changing the Drug Tariff price for a generic drug to more closely reflect the true price of  
42 currently prescribed low cost options. Addressing this variation in PPU centrally would  
43 protect more NHS funds, and save clinicians' time. It would also allow GPs to continue to  
44 follow the best-practice recommendation to "always prescribe generically".  
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3 Of note, there is also considerable circularity in the management of the current drugs  
4 budget: CCGs are the primary gatekeepers for spending; but where they achieve savings on  
5 the drugs budget, this may be counteracted in the following year by modification of the prices  
6 of Category M medicines, or other reimbursements to pharmacists, in a complex process  
7 intended to incentivise and preserve the presence of community pharmacies. In the current  
8 situation, where some CCGs have more information and capability to act on efficiency more  
9 than others, then more efficient CCGs will benefit disproportionately. Conversely, pharmacy  
10 contractors in areas with efficient prescribers will have their profits reduced  
11 disproportionately to other contractors. Therefore, any system which equalises access to  
12 price-saving opportunities would increase equity across the country, both in terms of CCG  
13 funding and pharmacy reimbursement.  
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16 Lastly, it is worth noting that we estimate that half of all the savings identified using this  
17 methodology are the result of purchasing or supply decisions which are out of the control of  
18 both the CCG and the prescriber. It seems peculiar that a pharmacist can choose to supply a  
19 more expensive pack size to fulfill a prescription that necessary, even where a prescriber  
20 has stated the lower pack size on the prescription. There is even greater discrepancy in the  
21 costs of drugs which are not listed in Part VIII of the Drug Tariff, including “specials”,  
22 imported medicines, and those drugs which, despite being commonly available, are invoiced  
23 to the NHS at higher cost than expected (so-called “NP8” medicines”). Given the level of  
24 variation of costs identified using this methodology, it would seem prudent for policymakers  
25 to undertake a review of these issues.  
26  
27

### 36 *Conclusions*

37 We have developed a new method to identify and enable large potential cost savings within  
38 NHS community prescribing. Given the current pressures on the NHS, it is vital that these  
39 potential savings are realised. Our tool enabling doctors to achieve these savings is now  
40 launched in pilot form. However savings could potentially be achieved more simply through  
41 national policy change.  
42  
43

### 44 **Data Archive and Transparency Statement**

45 All analytic data and code are available online at  
46

47 <https://figshare.com/s/39a4301a29316bc86b35>.

48 All code for the OpenPrescribing tool and the associated PPU tool is shared under an open  
49 license, and is available on Github <https://github.com/ebmdata/price-per-dose>.  
50  
51

### 52 **Contributions and Acknowledgements**

RC, SB, AW, BG and HC conceived and designed the study. SB and AW collected and analysed the data with input from RC, HC and BG. AW drafted the manuscript. All authors contributed to and approved the final manuscript. SB was lead engineer on the associated website resource with input from RC, AW, BG, HC and LF (who led on user testing). BG supervised the project and is guarantor. Lead engineer on the original OpenPrescribing tool was Anna Powell-Smith.

### Conflicts of Interest

All authors have completed the ICMJE uniform disclosure form at [www.icmje.org/coi\\_disclosure.pdf](http://www.icmje.org/coi_disclosure.pdf) and declare the following: BG has received research funding from the Laura and John Arnold Foundation, the Wellcome Trust, the NHS National Institute for Health Research, the Health Foundation, and the World Health Organisation; he also receives personal income from speaking and writing for lay audiences on the misuse of science. AW, HC, SB, RC and LF are employed on BG's grant from the Health Foundation. RC reports personal fees as a paid member of an advisory board from Galen Pharmaceuticals Ltd, Martindale Pharma, Galderma (UK) Ltd, ProStraken Group PLC, Menarini Farmaceutica Internazionale SRL, Stirling Anglian Pharmaceuticals Ltd, outside the submitted work; and RC is employed by a CCG to optimise prescribing.

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**Appendix B – BNF codes excluded from price-per-unit analysis**

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0302000C0 \_\_\_\_ BG  
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0904010H0%  
1311070S0 \_\_\_\_ AA  
1311020L0 \_\_\_\_ BS  
0301020S0 \_\_\_\_ AA  
190700000BBCJA0  
0604011L0BGAAAH  
1502010J0 \_\_\_\_ BY  
0107010S0AAAGAG  
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STROBE Statement—Checklist of items that should be included in reports of *cohort studies*

	<b>Item No</b>	<b>Recommendation</b>	<b>Page</b>
1	Title and abstract	(a) Indicate the study's design with a commonly used term in the title or the abstract  (b) Provide in the abstract an informative and balanced summary of what was done and what was found	1 2
2	<b>Introduction</b>		
3	Background /rationale	Explain the scientific background and rationale for the investigation being reported	4
4	Objectives	State specific objectives, including any prespecified hypotheses	4
5	<b>Methods</b>		
6	Study design	Present key elements of study design early in the paper	7
7	Setting	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	7
8	Participants	(a) Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up	7
9		(b) For matched studies, give matching criteria and number of exposed and unexposed	N/A
10	Variables	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	N/A
11	Data sources/ measurement	For each variable of interest, give sources of data and details of methods of assessment (measurement). Describe comparability of assessment methods if there is more than one group	8
12	Bias	Describe any efforts to address potential sources of bias	N/A - all practices used
13	Study size	Explain how the study size was arrived at	8
14	Quantitative variables	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	9
15	Statistical methods	(a) Describe all statistical methods, including those used to control for confounding	9
16		(b) Describe any methods used to examine subgroups and interactions	9
17		(c) Explain how missing data were addressed	N/A
18		(d) If applicable, explain how loss to follow-up was addressed	N/A
19		(e) Describe any sensitivity analyses	N/A
20	<b>Results</b>		
21	Participants	(a) Report numbers of individuals at each stage of study—eg numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study, completing follow-up, and analysed	13
22		(b) Give reasons for non-participation at each stage	N/A
23		(c) Consider use of a flow diagram	N/A
24	Descriptive data	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders	N/A - no individual participants
25		(b) Indicate number of participants with missing data for each variable of interest	N/A
26		(c) Summarise follow-up time (eg, average and total amount)	N/A
27	Outcome data	Report numbers of outcome events or summary measures over time	Table 1
28	Main results	(a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (eg, 95% confidence interval). Make clear which confounders were adjusted for and why they were included	N/A

		(b) Report category boundaries when continuous variables were categorized	Table 1
		(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	N/A
Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses	N/A
<b>Discussion</b>			
Key results	18	Summarise key results with reference to study objectives	19
Limitations	19	Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias	19
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	20
Generalisability	21	Discuss the generalisability (external validity) of the study results	N/A
<b>Other information</b>			
Funding	22	Give the source of funding and the role of the funders for the present study and, if applicable, for the original study on which the present article is based	22

\*Give information separately for exposed and unexposed groups.

**Note:** An Explanation and Elaboration article discusses each checklist item and gives methodological background and published examples of transparent reporting. The STROBE checklist is best used in conjunction with this article (freely available on the Web sites of PLoS Medicine at <http://www.plosmedicine.org/>, Annals of Internal Medicine at <http://www.annals.org/>, and Epidemiology at <http://www.epidem.com/>). Information on the STROBE Initiative is available at <http://www.strobe-statement.org>.

# BMJ Open

**A New Mechanism To Identify Cost Savings in English NHS Prescribing:  
Minimising “Price-Per-Unit”, a Cross Sectional Study**

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<b>Primary Subject Heading</b>:	General practice / Family practice
Secondary Subject Heading:	Epidemiology, Health policy, Health services research
Keywords:	Prescribing, OpenPrescribing, Cost saving

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5       **A New Mechanism To Identify Cost Savings in English NHS Prescribing:**  
6           **Minimising “Price-Per-Unit”, a Cross Sectional Study**

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10           Richard Croker, Alex J Walker, Seb Bacon, Helen J Curtis, Lisa French, Ben Goldacre\*

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All authors:

EBM DataLab

Centre for Evidence Based Medicine

Nuffield Department of Primary Care Health Sciences

University of Oxford

Radcliffe Observatory Quarter

Woodstock Road

Oxford OX2 6GG

\*Dr Ben Goldacre (corresponding)

ben.goldacre@phc.ox.ac.uk

Director, EBM DataLab

Senior Clinical Research Fellow, Centre for Evidence Based Medicine

Nuffield Department of Primary Care Health Sciences

University of Oxford

Radcliffe Observatory Quarter

Woodstock Road

Oxford OX2 6GG

**Abstract***Background*

Minimising prescription costs while maintaining quality is a core element of delivering high value healthcare. There are various strategies to achieve savings, but almost no research to date on determining the most effective approach. We describe a new method of identifying potential savings due to large national variations in drug cost, including variation in generic drug cost; and compare these with potential savings from an established method (generic prescribing).

*Methods*

We used English NHS Digital prescribing data, from October 2015 to September 2016. Potential cost savings were calculated by determining the price-per-unit (e.g. pill, ml) for each drug and dose within each general practice. This was compared against the same cost for the practice at the lowest cost decile, to determine achievable savings. We compared these price-per-unit savings to the savings possible from generic switching; and determined the chemicals with the highest savings nationally. A senior pharmacist manually assessed whether a random sample of savings were practically achievable.

*Results*

We identified a theoretical maximum of £410M of savings over 12 months. £273M of these savings were for individual prescribing changes worth over £50 per practice per month (mean annual saving £33,433 per practice); this compares favourably with generic switching, where only £35M of achievable savings were identified. The biggest savings nationally were on glucose blood testing reagents (£12M), fluticasone propionate (£9M) and venlafaxine (£8M). Approximately half of all savings were deemed practically achievable.

*Discussion*

We have developed a new method to identify and enable large potential cost savings within NHS community prescribing. Given the current pressures on the NHS, it is vital that these potential savings are realised. Our tool enabling doctors to achieve these savings is now launched in pilot form at OpenPrescribing.net. However savings could potentially be achieved more simply through national policy change.

**Abbreviations**

BNF – British National Formulary

CCG – Clinical Commissioning Group

1  
2 GP – General Practice  
3  
4 MR – Modified Release  
5  
6 NHS – National Health Service  
7  
8 NIC – Net Ingredient Cost  
9  
10 NP8 – Non-Part VIII, i.e. drugs not listed in Part VIII of the Drug Tariff  
11 PPU – Price-Per-Unit  
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### Strengths and weaknesses of the study

- The novel method of making prescribing savings described here can be directly implemented with the help of our associated tool, which is updated monthly.
- We were able to measure the potential savings across all prescribing in England, eliminating bias. We also removed seasonal variation by aggregating savings over 12 months.
- The method described uses an automated method to identify potential savings, meaning that clinical judgement must be used to determine where switching between presentations is appropriate.
- Some of the identified savings may not be achievable due to complexities in prescribing practices and unmeasurable factors such as rebates

## Introduction

The spend on prescribing in England in primary care was £9.3bn in 2015 and has been broadly increasing in recent years [1]. Given the increasing cost pressures on the NHS in England it is therefore increasingly important that savings are found where possible. However there is relatively little in the academic literature comparing methods for optimising costs in prescribing. Therapeutic switching is one conventional approach to achieve savings, where patients are switched to cheaper treatments from the same class. It is somewhat complex to implement, as it requires clinical expertise and knowledge of comparative effectiveness; and the change may not be suitable for all patients [2]. Generic switching is a common and more straightforward approach to saving resources: patients are switched from branded drugs to cheaper generic alternatives that are chemically identical [3,4].

There has been an overall increase in generic prescribing over the last decade, with 84.1% of prescriptions in England prescribed generically in 2015, compared with 80.1% in 2005 [1]. Moreover, between 1972 and 2013 the proportion changed from 20% to 84%, saving an estimated £7.1bn for the NHS, meaning that costs have not increased in proportion with the increase in prescription numbers [5]. This existing high level of generic prescribing means a reduction in the remaining opportunities available for generic switching. However, there is still wide variation in the unit cost of a number of medicines prescribed across England, due to the way the reimbursement system is structured. As a consequence of this variation, the cost to the NHS of a prescription for the same treatment at the same dose can vary widely between practices, depending on the specific presentation that is dispensed: for example, a branded or generic version of the same treatment may have different prices; but different specific “brands” of “branded generic” may also have different prices. More detail is given in Box 1 for the policy and administrative background to these potential savings; and precise definitions of terminology are given Box 2.

As part of the OpenPrescribing.net project we run an openly accessible service to identify cost saving opportunities in NHS primary care prescribing data. We set out to develop a method to automatically identify cost saving opportunities from variation in the price-per-unit of a given treatment: by identifying the price-per-unit in each practice for each dose of each treatment; comparing this against the price-per-unit in the best 10% of most efficient prescribers; and using the volume of each treatment prescribed in each practice to rank and prioritise savings opportunities. This is then used to generate a tool which advises practices and CCGs on their biggest potential cost savings from switching prescriptions to a different brand or formulation. We then set out to determine the overall cost savings available to the NHS in England through this method, and compare it to cost savings from the current

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3 comparable approach of simple generic switching. Importantly, neither method involves  
4 switching between different drugs, making both more readily achievable. We also discuss  
5 the practical implications of this proposed new approach to cost savings.  
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**Box 1: The Drug Tariff and Potential for Cost Savings**

In the NHS in England GPs prescribe on an FP10 form, which patients then have dispensed at a community pharmacy (or in some rural areas in the surgery itself). The Drug Tariff [6] outlines the reimbursement cost for the majority of medicines prescribed in primary care. Savings by minimising price-per-unit are possible through various routes:

**Variation at point of prescribing:**

- **Switching from brand to generic:** there are still a number of prescriptions for conventionally branded preparations where a cheaper generic is available.
- **Switching to cheapest “branded generic”:** Some generic prescriptions have their reimbursement price based on the originator brand, despite there now being specific brands of generic (“branded generics”) available at lower cost.
- **Different formulations:** There can be multiple formulations of the same chemical entity on the market (such as capsules and tablets) at different prices: while some have different clinical benefits, others are effectively interchangeable.

**Variation at point of dispensing:**

- **Drugs not listed in the Drug Tariff (NP8):** Some drugs are not listed in Part VIIA of the Drug Tariff, and therefore pharmacies will be reimbursed at the invoiced cost. This has led to some instances of very large variation in costs depending on which pharmacy dispensed the prescription. **Individually formulated and imported medicines:** Some drugs or formulations are not available as licensed products in England. In these cases an individually formulated (“specials”) product may be obtained from a specialist manufacturer. Part VIIIB of the Drug Tariff lists the reimbursement price for many of these which may vary significantly between similar formulations (e.g. suspension and solution). Where there is no price listed, the pharmacies will be reimbursed at the invoiced cost. The same applies for imported medicines. This can lead to large variation in costs as per NP8 drugs.
- **Different pack sizes:** For some medicines such as emollients there may be multiple pack sizes available. In these cases, the reimbursement is dependent on what pack size the pharmacy has endorsed, regardless of what the prescription states e.g. 5x100g may cost more than 1x500g for a prescription for 500g.

**Box 2: Definitions for Elements in UK NHS Prescribing Data**

The following terms are used for UK NHS prescribing data in general, and in this paper:

- An “item” is a prescription issued by a doctor, or other prescriber.
- A “chemical” is the active ingredient: for example “tramadol hydrochloride”.
- The “formulation” is the form in which the chemical is given: for example “tablet”, “capsule”, “liquid”, or “cream”.
- A “presentation” is all of: the chemical, the strength, the formulation, and then the generic name (if only a generic has been prescribed), or the brand name (if a specific brand has been explicitly prescribed). For example: “tramadol hydrochloride SR 100mg capsules” or “Zamadol SR 100mg capsules”.
- A “generic-equivalent presentation” is one step higher in the hierarchy than “presentation”: it is the chemical, the dose, and the formulation, but *not* the specific brand. For example, the “generic-equivalent presentation” of “tramadol hydrochloride SR 100mg capsules” would include everything prescribed as the generic “tramadol hydrochloride SR 100mg capsules”, but also everything prescribed as the brand “Zamadol SR 100mg capsules” which is a branded form of “tramadol hydrochloride SR 100mg capsules”.
- Every prescription is for a “quantity” of the “units” of the treatment: for example this can be the number of tablets or capsules; or the number of injections or inhalers; or millilitres of a liquid; or grams of a cream.
- The “price-per-unit” is the cost paid by the NHS for each “unit”.

**Methods****Data**

We used data from our OpenPrescribing.net project, which imports prescribing data from the monthly prescribing data files published by NHS Digital [7]. These contain data on cost and volume prescribed for each drug, dose and preparation, for each English general practice. Each row of data within the dataset describes prescribing of a presentation for one practice for that month giving total cost, total number of items (prescriptions), and total quantity prescribed (see Box 2 for terminology). For example, a given practice might have a number of rows of data for tramadol hydrochloride 100mg modified release preparations: one for tramadol hydrochloride 100mg MR *tablets*, prescribed generically; one for tramadol hydrochloride 100mg MR *capsules*, prescribed generically; but also separate rows for, for example, Tramulief SR 100mg tablets and Zamadol SR 100mg capsules where these were specified by the prescriber as branded generic presentations. We used 12 months of data, from October 2015 to September 2016.

**General Principles**

We intend the savings illustrated here to be realistically achievable by a well implemented medicines optimisation programme, and assume that perfect prescribing is not always possible. We have therefore not used perfect prescribing as a reference to determine potential savings, but instead compared each practice against the performance of the practice at the 10th percentile of best performance for each cost saving opportunity. We have also assumed that prescribing behaviour changes yielding only very small savings are not necessarily cost effective. Savings under £1 per practice per month were therefore excluded from all analyses; and for some of the analyses we have applied an additional floor, for example requiring that each action will save at least £50 per practice per month. For efficient practices already performing at better than the 10th percentile on a given measure (where worsening performance to match the 10th percentile would have resulted in increased costs) possible savings were assumed to be £0. Savings were calculated separately for each month, then aggregated over the year, as individual prices and prescribing may change on a monthly basis. We have also assessed achievability of all savings opportunities by manually reviewing a representative random sample with a senior medicines optimisation pharmacist as described below.

**Calculating Savings from “Generic Switching”**

We calculated savings available due to generic switching by matching each branded drug to the equivalent generic presentation, where available. Following the NHS Digital prescribing data definitions, branded drugs were identified as those with anything other than “AA” in

1  
2 characters 10 and 11 of the BNF code [8]. Their generic equivalents were matched by  
3 identifying presentations with the same chemical code (first 9 characters) and format code  
4 (last 4 characters), but with "AA" in characters 10 and 11. Maximum theoretical savings were  
5 calculated at the practice level, by determining what the cost of prescribing for this treatment  
6 and dose would have been if all branded medications had been prescribed at the average  
7 cost for the generic equivalent. We then report the level of saving that would have been  
8 achieved if each practice prescribed the same proportion of branded drug as the practice at  
9 the best performing 10th percentile for this proportion. For the main analysis, we only  
10 included positive savings; we also describe how the savings would be affected if situations  
11 where generic switching results in *increased* costs are included.  
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#### 14 19 *Calculating Savings from "Price-Per-Unit" Switching*

20 For every individual month, and for every practice, we calculated the mean price-per-unit for  
21 every generic-equivalent presentation. For example, this would be the mean price-per-unit of  
22 all "tramadol hydrochloride 100mg MR capsules" prescribed, regardless of whether this was  
23 prescribed as "tramadol hydrochloride 100mg MR capsules", or "Zamadol SR 100mg  
24 capsules" or "Tramquel SR 100mg capsules" (each a branded presentation of tramadol  
25 hydrochloride 100mg MR capsules). Generic-equivalent presentations were matched to the  
26 code of the generic presentation by collapsing all presentations with the same chemical code  
27 (first 9 characters), where characters 14 and 15 match those of characters 12 and 13 of the  
28 generic presentation's code, onto the generic presentation's code, to make a generic-  
29 equivalent presentation.

30 Having ascertained the mean price-per-unit in each individual practice for each generic-  
31 equivalent presentation, we then identified the practice at the 10th percentile for price-per-  
32 unit for each generic-equivalent presentation. We used this price, and the quantity  
33 prescribed at each practice, to calculate how much each practice could have saved if it had  
34 prescribed that generic-equivalent presentation as cost-efficiently as the practice at the 10th  
35 percentile. Additionally, we have combined all formulations (e.g. tablets and capsules) at  
36 "generic-equivalent presentation" level where we are aware that these are clinically  
37 interchangeable, as per the table in Appendix A. We have also excluded some potential  
38 substitutions where it was determined that switches were not comparable, as per Appendix  
39 B.

40 While this data processing is complex to describe in full reproducible detail, for end-users  
41 (specifically, general practitioners) the message is simple: "tramadol hydrochloride 100mg  
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3 MR is available in many forms; they are all interchangeable; here are the cost saving  
4 opportunities from switching.”  
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7 *Describing Variation*  
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9 The savings for generic switching and minimising price-per-unit were calculated for each  
10 practice, for every generic-equivalent presentation, for each month. We have presented the  
11 total savings available nationally from each method; and the number of distinct actions  
12 required to obtain those savings, where an action is a practice changing their choice of  
13 prescribed presentation for one generic-equivalent presentation (for example, following our  
14 notification of potential cost savings, the practice may decide to: “always prescribe Zamadol  
15 200mg MR capsules when you want Tramadol 300mg MR, as these are the cheapest”).  
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18 We provide summary statistics on the size of the cost saving opportunities. As well as total  
19 possible savings, we present savings available if only actions over a certain amount per  
20 practice per month were included: these are presented for hard thresholds (over £50, £100,  
21 £500 and £1000) and also represented graphically using continuous thresholds.  
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24 We have also calculated the total aggregated savings and actions at each practice by each  
25 method, presented summary statistics to describe these overall savings per practice. Lastly,  
26 we present aggregated national savings at chemical level, to determine which chemicals  
27 offer the greatest level of potential savings, and estimate the savings opportunities from only  
28 targeting a specific smaller number of chemicals.  
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31 *Achievability*  
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34 Not all potential savings can be realised. There may sometimes be clinical justification for a  
35 specific patient to be prescribed a branded treatment in place of the generic equivalent.  
36 Changing between brands (or from brand to generic) may cause patient concern and may  
37 possibly either alter adherence or be switched back to the original prescription. Similarly, not  
38 all variation in price-per-unit can be addressed by individual clinicians: there may be  
39 problems with availability of a specific cheaper branded generic; some variation may be due  
40 to pack size or “specials”. Lastly, some of the money lost in the price paid for a dispensed  
41 presentation may be made up through a complex system of “rebates” paid by specific  
42 pharmaceutical companies to specific CCGs on specific products. These arrangements are  
43 not routinely disclosed: they therefore undermine transparency around price paid by the  
44 NHS for medical treatments, and render assessments of inefficiency complex; they also  
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3 have complex long-term consequences, as they may result in patients being initiated on  
4 expensive products long-term with an initial discount that is then taken away over time.  
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7 To assess the impact of these issues on the savings identified, a senior pharmacist (RC)  
8 running a medicines optimisation team at a large CCG manually reviewed the top 10 cost  
9 savings opportunities identified from price-per-unit in 10 randomly selected practices, and  
10 categorised them according to their achievability. We also categorised savings according to  
11 whether they arose as a result of “specials”, variation in broken pack size, or different areas  
12 of the drug tariff.  
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## Results

### *Savings from Generic and Price-Per-Unit Switching*

Summary data on national savings are presented in Table 1. If every practice substituted equivalent generics at the level of the best performing decile for each presentation, the theoretical maximum saving is £56.3m, from 1.83 million distinct cost saving actions. Restricting the analysis to only actions that can save a practice more than £50 per month yields a total of £34.8m in savings from 298,000 actions, with a median saving of £82 per action. If every practice minimised price-per-unit to the same degree as the best decile of practices for each presentation, then the theoretical annual maximum saving is £410m, from over 14 million actions. Restricting the analysis to only actions that can save a practice more than £50 per month yields a total of £273m in savings from optimising price-per-unit, spread across 2.04 million actions, a median cost saving for each practice of £92 per action. The savings from optimising price-per-unit are therefore an order of magnitude greater than those from the conventional approach of generic switching. This is due to a larger number of cost saving actions available from optimising price-per-unit.

Table 1: Potential savings for the two cost saving methods

	Generic switching			Price-per-unit		
	Total annual savings (millions)	Number of actions	Median monthly cost saving per action	Total annual savings (millions)	Number of actions	Median monthly cost saving per action
Theoretical maximum savings	£56.3	1,828,802	£13	£410.4	14,274,013	£8
Savings over £50/month	£34.8	298,094	£82	£273.5	2,035,124	£92
Savings over £100/month	£21.9	112,701	£150	£193.7	905,352	£159
Savings over £500/month	£2.5	3,167	£636	£35.0	41,362	£655
Savings over £1000/month	£0.7	476	£1,311	£12.7	7,283	£1,342

The level of total possible savings varies according to the minimum cost saving threshold imposed on the data. Savings from limiting actions to only those over higher value

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3 thresholds are presented in Table 1 for discrete categories, and as continuous data in Figure  
4 to help guide choices on the trade-off between the savings that can be yielded and the  
5 effort required to achieve them.  
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9 *Cost Savings Per Practice, Generic Switching*

10 The mean cost saving possible per practice over the year from generic switching was  
11 £6,880, across the 8,180 practices included; this fell to £4,251 when only counting actions  
12 that yield over £50 per month. Practices had a mean of 36 cost saving actions over £50 per  
13 month over the course of the year (median 26, 5th percentile 0, 95th percentile 109). 810  
14 practices (9.9%) had no cost saving actions over £50 per month.  
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If only the top 25% of practices made all possible savings over £50 per action, then there would still be £22.5m of savings from generic switching, and £155.9m of savings from addressing savings from improvements on price-per-unit. Lastly, we calculate that implementing just the top 3 savings per practice for each month would yield savings of £23.9m.

#### *Cost Savings Per Practice, Price-Per-Unit Switching*

At the practice level, there was a mean total of £50,166 of savings per practice per year, across the 8,180 practices (£33,433 for savings over £50). Practices had a mean of 248 cost saving actions over £50 per month, over the course of the year (median 209, 5th percentile 0, 95th percentile 620). 441 practices (5.4%) had no cost saving actions over £50. If only the least efficient 25% of practices made all possible savings over £50 per action, then this would still yield £155.9m of savings. Implementing just the top 3 savings per practice for each month would yield savings of £86.7m.

#### *Cost Savings Per Chemical, Generic Switching*

The cost savings available from generic switching were divided between 578 BNF presentations, and 317 different BNF chemicals, with the maximum potential saving at chemical level being for Levetiracetam (£10.2m). The top 10 savings at BNF chemical level are shown in Table 2. National savings from addressing generic switching on these chemicals alone would total £30.0m.

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3 **Table 2: Top 10 savings for generic switching, by BNF chemical name**

BNF chemical code	Chemical name	Potential saving per year
0408010A0	Levetiracetam	10,214,151
0703021Q0	Desogestrel	4,967,839
0212000B0	Atorvastatin	2,546,116
0301020S0	Glycopyrronium Bromide	2,480,091
0106040M0	Macrogol 3350	2,030,447
0103050E0	Esomeprazole	1,925,282
1106000L0	Latanoprost	1,565,643
0802010M0	Mycophenolate Mofetil	1,515,336
0407041T0	Sumatriptan Succinate	1,403,414
040801050	Topiramate	1,348,505

31 **Cost Savings Per Chemical, Price-Per-Unit Switching**

32 The savings from optimising price-per-unit were spread across 3,275 BNF presentations,  
33 and 912 different BNF chemicals, with the maximum potential saving at chemical level being  
34 for Glucose Blood Testing Reagents (£12.0m). The top 10 savings at BNF chemical level are  
35 shown in Table 3. Savings from optimising price-per-unit on these 10 chemicals alone would  
36 total £66.5m. As a proportion of total national efficiency opportunities, cost saving actions  
37 from price-per-unit are dispersed over a wider number of chemicals, and a larger number of  
38 high-value actions. Yielding these savings therefore requires, to a greater extent, that each  
39 practice has access to actionable data on their own specific cost saving opportunities, rather  
40 than a list of most common chemicals to examine for possible savings.  
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Table 3: Top 10 savings for price-per-unit switching, by BNF chemical name

BNF chemical code	Chemical name	Potential saving per year
0601060D0	Glucose Blood Testing Reagents	11,969,900
0302000N0	Fluticasone Propionate (Inh)	9,279,710
0403040W0	Venlafaxine	7,699,071
0302000K0	Budesonide	6,631,387
0408010A0	Levetiracetam	5,624,539
0407010F0	Co-Codamol (Codeine Phos/Paracetamol)	5,203,179
0105010B0	Mesalazine (Systemic)	5,190,272
0704020N0	Tolterodine	5,013,993
0408010H0	Lamotrigine	4,996,309
0302000K0	Budesonide	4,926,375

### Achievability of Savings

A senior pharmacist running a medicines optimisation team at a large CCG (RC) manually reviewed the top 10 cost savings opportunities identified from price-per-unit switching in 10 randomly selected practices, and categorised them according to whether they could be achieved by GPs in the NHS. 12% of savings by cash value were regarded as “very hard to achieve”, mostly due to price variation arising from variation in pack size. Certain items, such as creams and emollients, have lower costs per unit for larger pack sizes: for example, if a GP prescribes 2500g of Aveeno cream, the pharmacist can dispense and endorse 25x100g packs, or 5x500g packs, with the latter incurring higher costs; this variation is hard for prescribers to control, as it can occur even where the GP specifies 5x500g. 38% of savings by cash value were regarded as “unclear”: these were principally treatments where the pharmacist again has extensive discretion, specifically bespoke “specials” where price can be arbitrarily higher or lower; and drugs which are not covered by the standard NHS drug tariff (listed as “NP8” in the drug tariff documentation). 11% were regarded as “achievable with additional intervention”: this included, for example, savings from different brands of glucose test strips where the switch would also require procurement of a new meter to match the new brand.

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3 There is also an issue of “primary care rebate schemes”. These are payments made by  
4 pharmaceutical companies to CCGs to reimburse them for a proportion of the list price of the  
5 medicine, and to possibly incentivise use of specific medicines. While they may help to  
6 reduce short-term treatment costs, they may also result in patients being maintained  
7 medium- or long-term on more expensive interventions; and may normalise the use of higher  
8 cost medicines across the health service. Rebates are not well known in the medical  
9 community, and full details are not routinely disclosed, as the schemes are exempt from  
10 Freedom of Information requests due to confidentiality clauses in the contracts between the  
11 parties. From reviewing cases where rebates from the pharmaceutical industry have been  
12 disclosed by CCGs in response to Freedom of Information Act requests, and linking these to  
13 prescribing data, we estimate that approximately 7% of all potential price-per-unit savings  
14 may be affected, although the medium-term impact on NHS expenditure is inherently hard to  
15 model [9].  
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23 It is not possible to use data to automatically identify all PPU savings opportunities that  
24 harder to achieve; and achievability for the same savings opportunity will vary regionally  
25 depending on how local services are organised. We therefore caution that the savings  
26 figures given in this paper should be regarded as estimates, and suggest that an appropriate  
27 discount is applied for achievability using the estimates given above, perhaps using an  
28 estimated discount of 50%.  
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## Discussion

### Summary

Our price-per-unit method found a theoretical maximum annual saving of £410m, compared with £56m for generic switching. Restricting the analysis to only include those prescribing changes which save a practice more than £50 per month reduced the savings to £274m from PPU and £35m from generic switching. Applying a further discount of 50% for achievability to the PPU savings leaves estimated savings of £137m. The practically achievable savings from improving PPU efficiency therefore represent 1.5% of the overall NHS spend on primary care prescribing (£9.3bn in 2015) [1]. We also found that in the current pricing market, blindly prescribing generically can sometimes result in *increased* cost for some drugs, meaning the total potential saving from this older conventional method is further reduced.

### Advantages/disadvantages

We were able to measure all prescribing across the whole of England, meaning that there was no possibility of obtaining a biased sample. Aggregating savings over 12 months removed all seasonal variation. We did not attempt here to compare the savings identified with those for therapeutic switching, another established method of making savings: this was determined to be impractical as therapeutic switching involves switching between similar but distinct drugs, requiring specific clinical judgement in each case, including potentially adjusting dose or other medication; this would additionally require a manually curated list of equivalent treatments covering all treatments prescribed, which is impractical. We are not aware of any detailed analysis of current cost savings from therapeutic switching; however we note that the savings estimates from older crude estimates [3,4] in commentary papers would no longer hold, as they estimate savings from therapeutic switching in drug classes such as statins where nearly all drug patents expired some time ago.

It is possible that there are additional challenges to achievability of some switches, beyond those described above. For example: rarely there may be licensing differences, where two drugs which are bioequivalent are not both licensed for all possible uses, and therefore cannot be used interchangeably by a clinician who is concerned by this discrepancy; rarely there is non-bioequivalence, where some drugs within a generic class cannot always be considered clinically equivalent; and individually manufactured and imported drugs can vary wildly in costs due to different import routes, which are outside the control of the prescriber.

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2 Our calculations use the NHS Net Ingredient Cost (NIC), which is the list price as defined by  
3 the Drug Tariff or where agreed with manufacturers, as opposed to the Actual Cost, which is  
4 calculated using the following formula:  
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8                   Actual Cost = (Net Ingredient Cost less discount<sup>a</sup>)  
9                   + Payment for Consumables<sup>b</sup>  
10                  + Payment for Containers<sup>c</sup>  
11                  + Out of Pocket Expenses<sup>d</sup>

- 12  
13                  a) This is discount which pharmacies are assumed to have been given by their  
14                  suppliers (around 7% during the study)  
15                  b) e.g. 5ml spoon (paid at 1.24p for all prescriptions, not just those requiring a  
16                  consumable)  
17                  c) Where the original pack has been split due to a different quantity being  
18                  requested (paid at 10p per prescription where needed)  
19                  d) Exceptional costs, such as delivery charges

20 Although the Actual Cost more accurately reflects the total spend to the NHS, the addition of  
21 container payments and out-of-pocket expenses can affect the price-per-unit, particularly  
22 where the prescribed quantities are small and are inexpensive, leading to multiple price-per-  
23 unit figures for the same presentation. Using NIC avoids these multiple figures, and instead  
24 calculates the price-per-unit based solely on NHS list price, providing a more consistent  
25 calculation, albeit with marginally overestimated savings.  
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29 *Policy implications and further research*

30 We have identified significant opportunities for savings that arise because of complexities in  
31 the systems for pricing and dispensing medicines. Realising these savings requires that  
32 clinicians are given access to user-friendly tools that allow them to identify where their  
33 prescribing presents savings opportunities; and helps them to identify the treatment with the  
34 lowest cost. We have recently launched a pilot version of such a tool at OpenPrescribing.net,  
35 and will be monitoring user feedback and use statistics.

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37 While determining which specific presentation (e.g. branded generic) is cheapest is made far  
38 simpler using our tool, it still requires that clinicians modify their prescribing behaviour across  
39 many different drugs. It is possible that CCGs could consider using the tool as part of a GP  
40 prescribing incentive scheme or similar. However, it is still possible that relying on clinicians  
41 to make these switches in order to save money will place an additional time and cognitive  
42 burden on them, in contrast with ‘always prescribing generically’. It is therefore our view that,  
43 rather than requiring individual doctors to achieve individual savings, much of the variation in  
44 price-per-unit could be managed better through policy changes to address loopholes and  
45 oversights in the regulations around pricing and dispensing. While an extensive discussion is  
46 beyond the scope of this paper, much could also be achieved by changing the Drug Tariff  
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3 price for a generic drug to more closely reflect the true price of currently prescribed low cost  
4 options. Addressing this variation in PPU centrally would protect more NHS funds, and save  
5 clinicians' time. It would also allow GPs to continue to follow the best-practice  
6 recommendation to "always prescribe generically".  
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10 Of note, there is also considerable circularity in the management of the current drugs  
11 budget: CCGs are the primary gatekeepers for spending; but where they achieve savings on  
12 the drugs budget, this may be counteracted in the following year by modification of the prices  
13 of Category M medicines, or other reimbursements to pharmacists, in a complex process  
14 intended to incentivise and preserve the presence of community pharmacies. In the current  
15 situation, where some CCGs have more information and capability to act on efficiency more  
16 than others, then more efficient CCGs will benefit disproportionately. Conversely, pharmacy  
17 contractors in areas with efficient prescribers will have their profits reduced  
18 disproportionately to other contractors. Therefore, any system which equalises access to  
19 price-saving opportunities would increase equity across the country, both in terms of CCG  
20 funding and pharmacy reimbursement.  
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28 Lastly, we estimate that half of all the savings identified using this methodology are the result  
29 of purchasing or supply decisions which are out of the control of both the CCG and the  
30 prescriber. It seems peculiar that a pharmacist can choose to supply a more expensive pack  
31 size to fulfill a prescription that necessary, even where a prescriber has stated the lower  
32 pack size on the prescription. There is even greater discrepancy in the costs of drugs which  
33 are not listed in Part VIII of the Drug Tariff, including "specials", imported medicines, and  
34 those drugs which, despite being commonly available, are invoiced to the NHS at higher cost  
35 than expected (so-called "NP8" medicines"). Given the level of variation of costs identified  
36 using this methodology, it would seem prudent for policymakers to undertake a review of  
37 these issues.  
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#### 45 *Conclusions*

46 We have developed a new method to identify and enable large potential cost savings within  
47 NHS community prescribing. Given the current pressures on the NHS, it is vital that these  
48 potential savings are realised. Our tool enabling doctors to achieve these savings is now  
49 launched in pilot form. However savings could potentially be achieved more simply through  
50 national policy change.  
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#### 53 54 **55 Data Archive and Transparency Statement**

All analytic data and code are available online at  
<https://figshare.com/s/39a4301a29316bc86b35>.

All code for the OpenPrescribing tool and the associated PPU tool is shared under an open license, and is available on Github <https://github.com/ebmdatalab/price-per-dose>.

## Contributions and Acknowledgements

RC, SB, AW, BG and HC conceived and designed the study. SB and AW collected and analysed the data with input from RC, HC and BG. AW drafted the manuscript. All authors contributed to and approved the final manuscript. SB was lead engineer on the associated website resource with input from RC, AW, BG, HC and LF (who led on user testing). BG supervised the project and is guarantor. Lead engineer on the original OpenPrescribing tool was Anna Powell-Smith.

## Conflicts of Interest

All authors have completed the ICMJE uniform disclosure form at [www.icmje.org/coi\\_disclosure.pdf](http://www.icmje.org/coi_disclosure.pdf) and declare the following: BG has received research funding from the Laura and John Arnold Foundation, the Wellcome Trust, the NHS National Institute for Health Research, the Health Foundation, and the World Health Organisation; he also receives personal income from speaking and writing for lay audiences on the misuse of science. AW, HC, SB, RC and LF are employed on BG's grant from the Health Foundation. RC reports personal fees as a paid member of an advisory board from Galen Pharmaceuticals Ltd, Martindale Pharma, Galderma (UK) Ltd, ProStraken Group PLC, Menarini Farmaceutica Internazionale SRL, Stirling Anglian Pharmaceuticals Ltd, outside the submitted work; and RC is employed by a CCG to optimise prescribing.

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21 **Figure legend**

22 *Figure 1: Distribution of total possible savings (y-axis), showing how much total saving there*  
23 *would be if only those over £x per practice per month (x-axis) were implemented, for both*  
24 *generic switching and minimising price-per-unit*

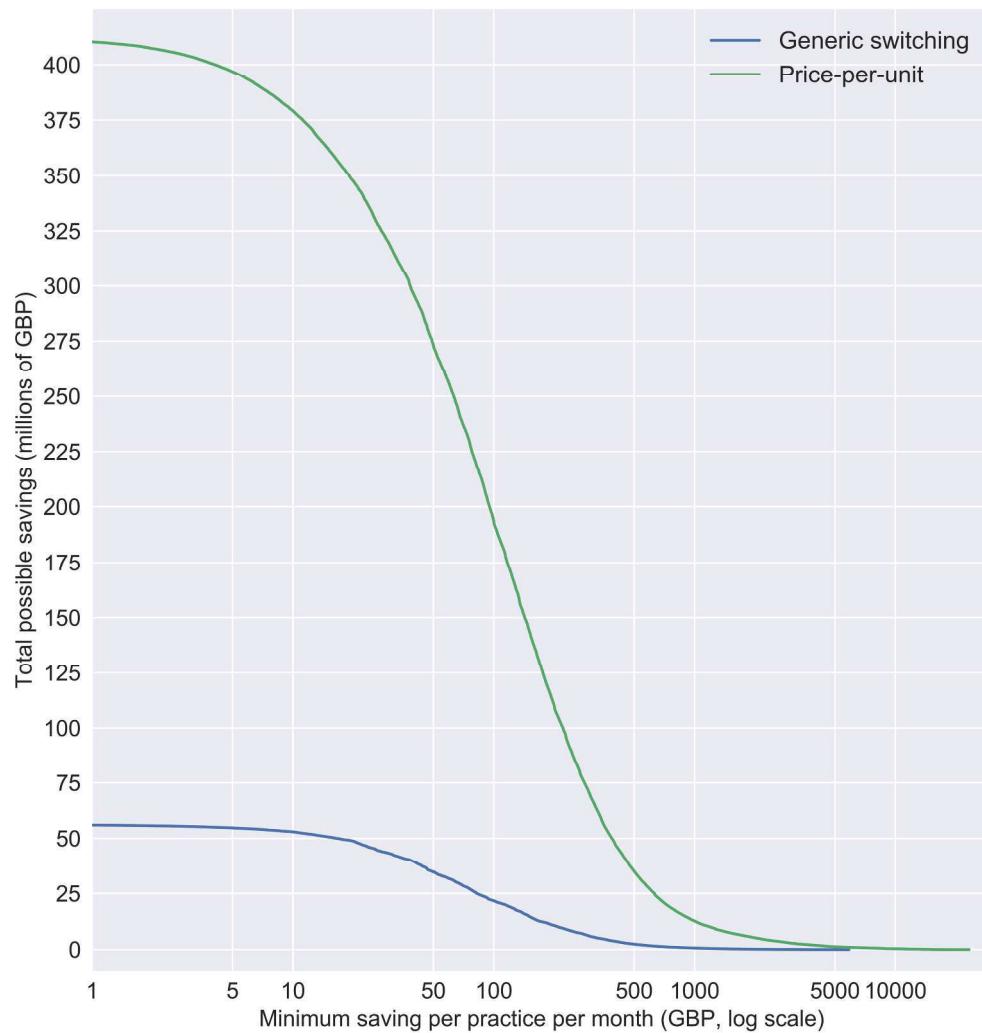


Figure 1: Distribution of total possible savings (y-axis), showing how much total saving there would be if only those over £x per practice per month (x-axis) were implemented, for both generic switching and minimising price-per-unit

246x265mm (300 x 300 DPI)

							Number of words in formulati on	DM+Dn onbieq uivalent
		Sept_Quantit y	Alternative formulation	Really equivale nt?	name	Alternative quantity	Alternative code	
1	The forma Code							
2	Alum Hydrox	0101010C0AAAAAA	20973 Cap	Tab	Alum Hydrox	#N/A	1 0101010C0AAADAD	TRUE
3	Mag Carb_H	0101010F0AAAAUAU	3217 Heavy Cap	Cap	Mag Carb_C	#N/A	2 0101010F0AAAIAI	TRUE
4	Co-Magaldo	0101010G0AAABAB	1556288 Susp	Liq	Co-Magaldo	#N/A	1 0101010G0AAAFAF	TRUE
5	Mag Ox_Cap	0101010I0AAABAB	6850 Cap	Tab	Mag Ox_Tab	0101010IOAA/	1 0101010I0AAAEAE	TRUE
6	Mag Ox_Cap	0101010I0AAACAC	17542 Cap	Tab	Mag Ox_Tab	0101010IOAA/	1 0101010I0AAALAL	TRUE
7	Mag Ox_Tab	0101010I0AAAEEAE	1166 Tab	Cap	Mag Ox_Cap	0101010IOAA/	1 0101010I0AAABAB	TRUE
8	Mag Ox_Cap	0101010I0AAAHHAH	56 Cap	Tab	Mag Ox_Tab	0101010IOAA/	1 0101010I0AABIBI	TRUE
9	Mag Ox_Tab	0101010I0AAALAL	120 Tab	Cap	Mag Ox_Cap	0101010IOAA/	1 0101010I0AAACAC	TRUE
10	Mag Ox_Tab	0101010I0AAAXAX	424 Tab	Cap	Mag Ox_Cap	0101010IOAA/	1 0101010I0AAAYAY	TRUE
11	Mag Ox_Cap	0101010I0AAAYAY	836 Cap	Tab	Mag Ox_Tab	0101010IOAA/	1 0101010I0AAAHHAH	TRUE
12	Mag Ox_Tab	0101010I0AAABIBI	2259 Tab	Cap	Mag Ox_Cap	0101010IOAA/	1 0101010I0AAAH	TRUE
13	Simeticone_I	0101010R0AAADAD	5650 Dps	Conc Dps	Simeticone_	#N/A	1 0101010R0AAAFAF	TRUE
14	Simeticone_I	0101010R0AAAEAE	22185 Tab Chble	Cap	Simeticone_	0101010R0AA	2 0101010R0AAAHAH	TRUE
15	Simeticone_L	0101012B0AAUUAU	21670 Cap	Tab Chble	Simeticone_	0101010R0AA	1 0101010R0AAEAE	TRUE
16	Sod Bicarb_L	0101012B0AAZAZ	25400 Liq Spec	Oral Soln	Y	Sod Bicarb_C	#N/A	2 0101012B0AAHWBW
17	Sod Bicarb_L	0101012B0AABSBS	1800 Liq Spec	Oral Soln	Y	Sod Bicarb_C	0101012B0AA	2 0101012B0AAHBV
18	Sod Bicarb_C	0101012B0AABVBV	4770 Liq Spec	Oral Soln	Y	Sod Bicarb_L	0101012B0AA	2 0101012B0AABSBS
19	Sod Bicarb_C	0101012B0AABWBW	435 Oral Soln	Liq Spec	Y	Sod Bicarb_L	0101012B0AA	2 0101012B0AAUUAU
20	Calc Carb_Ta	0101021C0AAAFAF	10780 Oral Soln	Liq Spec	Y	Calc Carb_Ca	0101021COAA	2 0101021C0AAPAP
21	Calc Carb_Ca	0101021C0AAAPAP	6190 Tab Chble	Cap	N	Calc Carb_Ta	#N/A	1 0101021C0AABTBT
22	Calc Carb_Ta	0101021C0AAATAT	30 Cap	Tab	Calc Carb_Ca	#N/A	1 0101021C0AAANAN	TRUE
23	Calc Carb_Ca	0101021C0AABQBX	2340 Tab	Cap	Calc Carb_Gr	#N/A	0 0905011D0AAAMAM	TRUE
24	Calc Carb_Ta	0101021C0AABXBX	112 Cap	Gran Sach	Y	Calc Carb_Ta	#N/A	2 0101021C0AACFCF
25	Calc Carb_Lic	0101021C0AACECE	2536 Tab Chble	Tab	Calc Carb_Su	#N/A	2 0101021C0AABPBP	TRUE
26	Calc Carb_Di	0101021C0AACICI	6460 Liq Spec	Susp	Calc Carb_Ca	#N/A	2 0101021C0ABCBC	TRUE
27	Calc Carb_Lic	0101021C0AACUCU	6637 Disper Tab	Cap	Calc Carb_Su	#N/A	2 0101021C0AABKBK	TRUE
28	Calc Carb_Or	0101021C0AACXCC	250 Liq Spec	Susp	Calc Carb_Li	#N/A	2 0101021C0AACACA	TRUE
29	Calc Carb_Or	0101021C0AACYCY	19200 Oral Susp	Liq Spec	Calc Carb_Lic	#N/A	2 0101021C0AACBCB	TRUE
30	Atrop Sulf_T	0102000ACAAAGAG	7150 Oral Susp	Liq Spec	Atrop Sulf_C	#N/A	1 0102000ACAAALAL	TRUE
31	Glycopyrroni	0102000L0AAAWAW	1583 Tab	Cap	Glycopyrroni	#N/A	2 0102000L0AAADAD	TRUE
32	Glycopyrroni	0102000L0AAAXAX	240574 Oral Soln	Liq Spec	Glycopyrroni	#N/A	2 0102000L0AAADAD	TRUE
33	Glycopyrroni	0102000L0AAAАЗАЗ	71384 Oral Susp	Liq Spec	Glycopyrroni	#N/A	2 0102000L0AAAIAI	TRUE
34	Glycopyrroni	0102000L0AAABABA	14200 Oral Soln	Liq Spec	Glycopyrroni	#N/A	2 0102000L0AAAIAI	TRUE
35	Glycopyrroni	0102000L0AABBBB	31330 Oral Susp	Liq Spec	Glycopyrroni	#N/A	2 0102000L0AABBC	TRUE
36	Glycopyrroni	0102000L0AABCBC	2400 Oral Soln	Oral Susp	Y	Glycopyrroni	0102000LOAA	2 0102000L0AABCBC
37	Glycopyrroni	0102000L0AABDBD	7062 Oral Susp	Oral Soln	Y	Glycopyrroni	0102000LOAA	2 0102000L0AABB
38	Glycopyrroni	0102000L0AAEBEBE	13880 Oral Soln	Liq Spec	Glycopyrroni	#N/A	2 0102000L0AAAEAE	TRUE
39	Glycopyrroni	0102000L0AABFBF	13430 Oral Susp	Liq Spec	Glycopyrroni	#N/A	2 0102000L0AAAKAK	TRUE
40	Glycopyrroni	0102000L0AABGBG	24018 Oral Soln	Liq Spec	Glycopyrroni	#N/A	2 0102000L0AAAKAK	TRUE
41	Glycopyrroni	0102000L0AABHBB	16815 Oral Susp	Liq Spec	Glycopyrroni	#N/A	2 0102000L0AAAJAJ	TRUE
42	Glycopyrroni	0102000L0AABIBI	17850 Oral Soln	Liq Spec	Glycopyrroni	#N/A	2 0102000L0AAAJAJ	TRUE
43	Glycopyrroni	0102000L0AAAPAP	15460 Oral Susp	Liq Spec	Glycopyrroni	#N/A	2 0102000N0AAAGAG	TRUE
44	Hyoscine But	0102000N0AAAPAP	13640 Oral Soln	Liq Spec	Hyoscine But	#N/A	2 0102000N0AAAGAG	TRUE
45	Hyoscine But	0102000N0AAAQAQ	5570 Oral Susp	Liq Spec	Hyoscine But	#N/A	2 0102000N0AAAGAG	TRUE
46	Mebeverine_I	0102000POAAABAB	10601606 Tab	Oral Pdr Sach	N	Mebeverine	0102000POAA	1 0102000POAAEAE
47	Mebeverine_I	0102000POAAAEAE	84 Oral Pdr Sach	Tab	N	Mebeverine	0102000POAA	3 0102000POAAABAB
48	Propanthelin	0102000Y0AABBBB	225 Liq Spec	Mix	Propanthelin	#N/A	2 0102000Y0AAEAE	TRUE
49	Cimetidine_T	0103010D0AAAAAA	8971 Tab	Tab Chble	Cimetidine_T	#N/A	1 0103010D0AAAFAF	TRUE
50	Cimetidine_C	0103010D0AAALAL	43560 Oral Soln	Oral Susp	Cimetidine_C	#N/A	2 0103010D0AAAGAG	TRUE
51	Ranitidine HC	0103010T0AAAAAA	16933447 Tab	Cap	Ranitidine HC	#N/A	1 0103010T0AABJBJ	TRUE
52	Ranitidine HC	0103010T0AAACAC	3037892 Tab	Tab Eff	N	Ranitidine HC	0103010T0AA	1 0103010T0AAJAJ
53	Ranitidine HC	0103010T0AAAIAI	103545 Tab Eff	Cap	Ranitidine HC	#N/A	2 0103010T0AABJBJ	TRUE
54	Ranitidine HC	0103010T0AAAJAJ	23985 Tab Eff	Tab	N	Ranitidine HC	0103010T0AAACAC	2 0103010T0AAACAC
55	Ranitidine HC	0103010T0AAAPAP	54538 Tab	Tab Eff	N	Ranitidine HC	#N/A	1 0103010T0AABKBK
56	Ranitidine HC	0103010T0AAABABA	600 Liq Spec	Oral Soln	N	Ranitidine HC	#N/A	2 0103010T0AABLBL
57	Ranitidine HC	0103010T0AABQBX	57396 Oral Soln	Liq Spec	N	Ranitidine HC	#N/A	2 0103010T0AAANAN
58	Ranitidine HC	0103010T0AAABRBR	47162 Oral Susp	Liq Spec	N	Ranitidine HC	#N/A	2 0103010T0AAANAN
59	Esomeprazol	0103050E0AAAAAA	1952352 Tab E/C	Cap E/C	Y	Esomeprazol	0103050E00AA	2 0103050E0AAAFAF
60	Esomeprazol	0103050E0AAABAB	1827340 Tab E/C	Cap E/C	Y	Esomeprazol	0103050E00AA	2 0103050E0AAAGAG
61	Esomeprazol	0103050E0AAAFAF	735398 Cap E/C	Tab E/C	Y	Esomeprazol	0103050E00AA	2 0103050E0AAAAAA
62	Esomeprazol	0103050E0AAAGAG	704875 Cap E/C	Tab E/C	Y	Esomeprazol	0103050E00AA	2 0103050E0AAABAB
63	Lansoprazole	0103050L0AAAHAH	1694934 Orodisper Tab	Gran Sach	N	Lansoprazole	#N/A	2 0103050L0AAADAD
64	Lansoprazole	0103050L0AAAJAJ	3696 Oral Soln	Oral Susp	Y	Lansoprazole	0103050L0AA	2 0103050L0AAAYAY
65	Lansoprazole	0103050L0AAAMAM	5208 Oral Soln	Oral Susp	Y	Lansoprazole	0103050L0AA	2 0103050L0AAAXAX
66	Lansoprazole	0103050L0AAAQAQ	100 Oral Soln	Oral Susp	Y	Lansoprazole	0103050L0AA	2 0103050L0AAAZAZ
67	Lansoprazole	0103050L0AAAAXAX	20180 Oral Susp	Oral Soln	Y	Lansoprazole	0103050L0AA	2 0103050L0AAAMAM
68	Lansoprazole	0103050L0AAAYAY	23330 Oral Susp	Oral Soln	Y	Lansoprazole	0103050L0AA	2 0103050L0AAAJAJ
69	Lansoprazole	0103050L0AAAZAZ	16530 Oral Susp	Oral Soln	Y	Lansoprazole	0103050L0AA	2 0103050L0AAQQAQ
70	Omeprazole_I	0103050P0AAAAAA	88356671 Cap E/C	Tab E/C	Y	Omeprazole_I	0103050P00AA	2 0103050P0AABDBD
71	Omeprazole_I	0103050P0AAEAEAE	2424691 Cap E/C	Tab E/C	Y	Omeprazole_I	0103050P00AA	2 0103050P0AAEBEBE
72	Omeprazole_I	0103050P0AAAFAF	6546668 Cap E/C	Cap	Omeprazole_I	#N/A	2 0103050P0AAABAB	TRUE
73	Omeprazole_I	0103050P0AAAJAJ	5380 Oral Soln	Oral Susp	Y	Omeprazole_I	0103050P00AA	2 0103050P0AABLBL
74	Omeprazole_I	0103050P0AAAKAK	3055 Oral Soln	Oral Susp	Y	Omeprazole_I	0103050P00AA	2 0103050P0AABPBP
75	Omeprazole_I	0103050P0AAQQAQ	4190 Oral Soln	Oral Susp	Y	Omeprazole_I	0103050P00AA	2 0103050P0AABMBM
76	Omeprazole_I	0103050P0ABCBC	77687 Tab E/C	Cap	Omeprazole_I	#N/A	2 0103050P0AAABAB	TRUE
77	Omeprazole_I	0103050P0ABDBD	698699 Tab E/C	Cap E/C	Y	Omeprazole_I	0103050P00AA	2 0103050P0AAAAAA
78	Omeprazole_I	0103050P0AAEBE	87206 Tab E/C	Cap E/C	Y	Omeprazole_I	0103050P00AA	2 0103050P0AAEAE
79	Omeprazole_I	0103050P0AABLBL	355694 Oral Susp	Oral Soln	Y	Omeprazole_I	0103050P00AA	2 0103050P0AAJAJ

1	Omeprazole_0103050P0AABMBM	193620 Oral Susp	Oral Soln	Y	Omeprazole_0103050P0AA	2 0103050P0AAAQAQ.	TRUE
2	Omeprazole_0103050P0AABBNB	93949 Oral Susp	Liq Spec		Omeprazole_#N/A	2 0103050P0AAAI	TRUE
3	Omeprazole_0103050P0AAPBPB	10390 Oral Susp	Oral Soln	Y	Omeprazole_0103050P0AA	2 0103050P0AAKAK	TRUE
4	Loperamide I0104020L0AAAAAA	9462179 Cap	Tab	Y	Loperamide I0104020L0AA	1 0104020L0AAADAD	TRUE
5	Loperamide I0104020L0AAABAB	1143729 Oral Soln	Liq		Loperamide I #N/A	2 0104020L0AAAEAE	TRUE
6	Loperamide I0104020L0AAAADAD	1434945 Tab	Cap	Y	Loperamide I0104020L0AA	1 0104020L0AAAAAAA	TRUE
7	Loperamide I0104020L0AAPAP	10170 Oral Susp	Oral Soln	Y	Loperamide I0104020L0AA	2 0104020L0AAQAQ	TRUE
8	Loperamide I0104020L0AAAQAQ	2450 Oral Soln	Oral Susp	Y	Loperamide I0104020L0AA	2 0104020L0AAPAP	TRUE
9	Mesalazine_0105010B0AAABAB	56389 Suppos	Tab G/R	N	Mesalazine_0105010B0AA	1 0105010B0AAAWAW	TRUE
10	Mesalazine_0105010B0AAAGAG	12640 Suppos	Tab E/C	Y	Mesalazine_0105010B0AA	1 0105010B0AAAHAH	TRUE
11	Mesalazine_0105010B0AAAHAH	15870 Tab E/C	Suppos	N	Mesalazine_0105010B0AA	2 0105010B0AAAGAG	TRUE
12	Mesalazine_0105010B0AAIAI	725598 Tab	Gran Sach	N	Mesalazine_0105010B0AA	1 0105010B0AAPAP	TRUE
13	Mesalazine_0105010B0AAANAN	47767 Gran Sach	Gran Sach G/R	Y	Mesalazine_0105010B0AA	2 0105010B0AAAXAX	TRUE
14	Mesalazine_0105010B0AAPAP	28941 Gran Sach	Tab	Y	Mesalazine_0105010B0AA	2 0105010B0AAIAI	TRUE
15	Mesalazine_0105010B0AAAWAW	18574 Tab G/R	Suppos	N	Mesalazine_0105010B0AA	2 0105010B0AAABAB	TRUE
16	Mesalazine_0105010B0AAAXAX	53999 Gran Sach G/R	Gran Sach	Y	Mesalazine_0105010B0AA	3 0105010B0AAANAN	TRUE
17	Sulfasalazine 0105010E0AAAAAA	2372151 Tab	Suppos	N	Sulfasalazine 0105010E0AA	1 0105010E0AAACAC	TRUE
18	Sulfasalazine 0105010E0AAABAB	3736217 Tab E/C	Suppos	Y	Sulfasalazine 0105010E0AA	2 0105010E0AAACAC	TRUE
19	Sulfasalazine 0105010E0AACAC	1383 Suppos	Tab	N	Sulfasalazine 0105010E0AA	1 0105010E0AAAAAAA	TRUE
20	Sulfasalazine 0105010E0AAEAE	8000 Oral Susp	Liq Spec		Sulfasalazine #N/A	2 0105010E0AAIAI	TRUE
21	Ispag Husk_C010602010E0AAAHAH	229169 Gran Eff Sach	Pdr Sach		Ispag Husk_F #N/A	3 010602010E0AAASAS	TRUE
22	Bisacodyl_Ta0106020C0AAAAAA	4924625 Tab E/C	Suppos	N	Bisacodyl_Su0106020C0AA	2 0106020C0AAADAD	TRUE
23	Bisacodyl_Su0106020C0AAADAD	21633 Suppos	Tab E/C	N	Bisacodyl_Ta0106020C0AA	1 0106020C0AAAAAA	TRUE
24	Bisacodyl_Su0106020C0AAAEAE	72239 Suppos	Enema	N	Bisacodyl_En0106020C0AA	1 0106020C0AAAJAJ	TRUE
25	Bisacodyl_En0106020C0AAIAJAJ	848 Enema	Suppos	Y	Bisacodyl_Su0106020C0AA	1 0106020C0AAEAE	TRUE
26	Docusate So010602010AAAIAJAJ	2973 Micro-Enem	Suppos		Docusate So #N/A	1 010602010AAAAMAM	TRUE
27	Docusate So010602010AAAAKAK	9752953 Cap	Cap		Docusate So #N/A	1 010602010AAADAD	TRUE
28	Senna_Tab 0106020M0AAPAP	250443 Tab	Tab Chble	N	Senna_Tab C #N/A	1 0106020M0AAAQAQ	TRUE
29	Diltiazem HC 0107010AAAAAJAJ	41610 Crm	Gel		Diltiazem HC #N/A	1 0107010AAAAABAB	TRUE
30	Diltiazem HC 0107010AAAAAKAK	12590 Oint	Crm	Y	Diltiazem HC 0107010AAA^	1 0107010AAAAAJAJ	TRUE
31	Glyceryl Trini 0107040A0AAIAI	129420 Oint	Paste		Glyceryl Trini #N/A	1 0107040A0AAAFAF	TRUE
32	Glyceryl Trini 0107040A0AAAWAW	1410 Oint	Paste		Glyceryl Trini #N/A	1 0107040A0AAAGAG	TRUE
33	Chenodeoxyt 0109010G0AAABAB	60 Cap	Tab		Chenodeoxyt #N/A	1 0109010G0AACAC	TRUE
34	Ursodeoxych 0109010U0AAAAAA	345655 Tab	Cap	Y	Ursodeoxych #N/A	1 0109010U0AAAHAH	TRUE
35	Pancreatin_C0109040N0AAAZAZ	224 G/R Cap	Cap		Pancreatin_C #N/A	2 0109040N0AAAGAG	TRUE
36	Bendroflume 0202010B0AAABAB	35856484 Tab	Cap	Y	Bendroflume #N/A	1 0202010B0AAATAT	TRUE
37	Bendroflume 0202010B0AACAC	786594 Tab	Cap	Y	Bendroflume #N/A	1 0202010B0AAARAR	TRUE
38	Bendroflume 0202010B0AAQAAQ	230 Liq Spec	Syr		Bendroflume #N/A	2 0202010B0AAALAL	TRUE
39	Bendroflume 0202010B0AAAUAU	300 Liq Spec	Mix		Bendroflume #N/A	2 0202010B0AAAGAG	TRUE
40	Bendroflume 0202010B0AAAXAX	12350 Oral Susp	Liq Spec		Bendroflume #N/A	2 0202010B0AAAPAP	TRUE
41	Chloroth_Or 0202010D0AAUAU	18393 Oral Susp	Oral Soln	Y	Chloroth_Or 0202010D0AA	2 0202010D0AACBC	TRUE
42	Chloroth_Or 0202010D0ABCBC	3900 Oral Soln	Oral Susp		Chloroth_Or 0202010D0AA	2 0202010D0AAUAU	TRUE
43	Chloroth_Liq 0202010D0AABIBI	1720 Liq Spec	Susp		Chloroth_Su #N/A	2 0202010D0AAATAT	TRUE
44	Chlortalidone 0202010F0AAAAAA	29140 Tab	Pdrs		Chlortalidone #N/A	1 0202010F0AAAJAJ	TRUE
45	Hydchloroth_0202010L0AAABAB	3170 Tab	Cap		Hydchloroth_ #N/A	1 0202010L0AAAWAW	TRUE
46	Indapamide_0202010P0AAAAAA	8333460 Tab	Cap	Y	Indapamide_ #N/A	1 0202010P0AACAC	TRUE
47	Metolazone_0202010V0AAANAN	15552 Tab	Cap		Metolazone_ #N/A	1 0202010V0AAABAB	TRUE
48	Furosemide_0202020L0ABBBBB	9846615 Tab	Cap	Y	Furosemide_ #N/A	1 0202020L0AACUCU	TRUE
49	Furosemide_0202020L0ABDBD	23302639 Tab	Cap	Y	Furosemide_ #N/A	1 0202020L0ACWCW	TRUE
50	Furosemide_0202020L0AABBYBY	485 Liq Spec	Mix		Furosemide_ #N/A	2 0202020L0AAAWAW	TRUE
51	Furosemide_0202020L0AABZBZ	530 Liq Spec	Mix		Furosemide_ #N/A	2 0202020L0AAAVAV	TRUE
52	Furosemide_0202020L0AACACA	5000 Liq Spec	Oral Soln		Furosemide_ #N/A	2 0202020L0AADJDJ	TRUE
53	Amiloride HC 0202030C0AAASAS	21172 Oral Soln	Soln		Amiloride HC #N/A	2 0202030C0AAIAI	TRUE
54	Spiromol_Tab 0202030S0AAATAT	4415864 Tab	Tab E/C	Y	Spiromol_Ta #N/A	1 0202030S0AAARAR	TRUE
55	Spiromol_Tab 0202030S0AAUAU	791773 Tab	Cap	Y	Spiromol_Cap #N/A	1 0202030S0AADZDZ	TRUE
56	Spiromol_Tab 0202030S0AAAVAV	605010 Tab	Cap	Y	Spiromol_Cap #N/A	1 0202030S0AAABAB	TRUE
57	Spiromol_Ora 0202030S0AACMCM	2850 Oral Soln	Oral Susp	Y	Spiromol_Ora 0202030S0AA	2 0202030S0AAECEC	TRUE
58	Spiromol_Ora 0202030S0AACNCN	3838 Oral Soln	Oral Susp	Y	Spiromol_Ora 0202030S0AA	2 0202030S0AAEEAEA	TRUE
59	Spiromol_Ora 0202030S0AACPCP	5140 Oral Soln	Oral Susp	Y	Spiromol_Ora 0202030S0AA	2 0202030S0AAEBEB	TRUE
60	Spiromol_Ora 0202030S0AACQQQ	1400 Oral Soln	Oral Susp	Y	Spiromol_Ora 0202030S0AA	2 0202030S0AEDED	TRUE
61	Spiromol_Liq 0202030S0AACRCR	2010 Liq Spec	Oral Susp	Y	Spiromol_Ora 0202030S0AA	2 0202030S0AAEEEE	TRUE
62	Spiromol_Liq 0202030S0ACWCW	300 Liq Spec	Susp		Spiromol_Sus #N/A	2 0202030S0AABJBJ	TRUE
63	Spiromol_Liq 0202030S0AADCDC	500 Liq Spec	Liq	Y	Spiromol_Liq #N/A	2 0202030S0AABYBY	TRUE
64	Spiromol_Ora 0202030S0AAEAEA	30316 Oral Susp	Oral Soln	Y	Spiromol_Ora 0202030S0AA	2 0202030S0ACNCN	TRUE
65	Spiromol_Ora 0202030S0AAEBEB	53225 Oral Susp	Oral Soln	Y	Spiromol_Ora 0202030S0AA	2 0202030S0AACPCP	TRUE
66	Spiromol_Ora 0202030S0AAECC	19719 Oral Susp	Oral Soln	Y	Spiromol_Ora 0202030S0AA	2 0202030S0ACMCM	TRUE
67	Spiromol_Ora 0202030S0AAEDED	16970 Oral Susp	Oral Soln	Y	Spiromol_Ora 0202030S0AA	2 0202030S0AACQCO	TRUE
68	Spiromol_Ora 0202030S0AAEEEEE	4125 Oral Susp	Liq Spec	Y	Spiromol_Liq 0202030S0AA	2 0202030S0ACRCR	TRUE
69	Co-Amilofrus 0202040B0AAAHAH	400 Liq Spec	Susp		Co-Amilofrus #N/A	2 0202040B0AAADAD	TRUE
70	Amiodarone 0203020D0AAUAU	1180 Oral Soln	Oral Susp	Y	Amiodarone 0203020D0AA	2 0203020D0AACCHCH	TRUE
71	Amiodarone 0203020D0AAAVAV	850 Liq Spec	Susp		Amiodarone #N/A	2 0203020D0AAARAR	TRUE
72	Amiodarone 0203020D0AAAYAY	400 Oral Soln	Oral Susp	Y	Amiodarone 0203020D0AA	2 0203020D0AACICI	TRUE
73	Amiodarone 0203020D0AABEBE	100 Liq Spec	Susp		Amiodarone #N/A	2 0203020D0AAIAI	TRUE
74	Amiodarone 0203020D0AACCHCH	2060 Oral Susp	Oral Soln	Y	Amiodarone 0203020D0AA	2 0203020D0AAUAU	TRUE
75	Amiodarone 0203020D0AACICI	1900 Oral Susp	Oral Soln	Y	Amiodarone 0203020D0AA	2 0203020D0AAAYAY	TRUE
76	Disopyramid 0203020F0AAABAB	100348 Cap	Tab		Disopyramid #N/A	1 0203020F0AAAGAG	TRUE
77	Disopyramid 0203020F0AACAC	14552 Cap	Tab		Disopyramid #N/A	1 0203020F0AAAHAH	TRUE
78	Disopyramid 0203020F0AAPAP	112 Cap	Tab		Disopyramid #N/A	1 0203020F0AAAFAF	TRUE
79	Disopyramid 0203020G0AAACAC	25446 Tab	Cap		Disopyramid #N/A	1 0203020G0AAABAB	TRUE
80	Flecainide Ac 0203020I0AAAKAK	1555807 Tab	Pdrs		Flecainide Ac #N/A	1 0203020I0AAAEAE	TRUE
81	Flecainide Ac 0203020I0AABRR	59050 Oral Soln	Liq Spec		Flecainide Ac #N/A	2 0203020I0AAAMAM	TRUE
82	Flecainide Ac 0203020I0AABSBS	30430 Oral Susp	Liq Spec		Flecainide Ac #N/A	2 0203020I0AAAMAM	TRUE
83	Mexiletine H 0203020P0AAABAB	11226 Cap	Tab	Y	Mexiletine H 0203020POAA	1 0203020P0AAAGAG	TRUE
84	Mexiletine H 0203020P0AAAGAG	1371 Tab	Cap	Y	Mexiletine H 0203020POAA	1 0203020P0AAABAB	TRUE

1	Quinidine Sul 0203020U0AAAGAG	846 Tab	Cap	Quinidine Su	#N/A	1 0203020U0AAAHAH	TRUE
2	Carvedilol_T: 020400080AAACAC	581723 Tab	Cap	Carvedilol_C:	#N/A	1 020400080AAAAAAA	TRUE
3	Carvedilol_O 020400080AAPAP	13650 Oral Susp	Liq Spec	Carvedilol_Li	#N/A	2 020400080AAAGAG	TRUE
4	Atenolol_Tat 0204000E0AAACAC	3302236 Tab	Cap	Atenolol_Cap	#N/A	1 0204000E0AAAHAH	TRUE
5	Bisoprolol_Fu 0204000H0AAAAAA	13527616 Tab	Pdrs	Bisoprolol_Fu	#N/A	1 0204000H0AAATAT	TRUE
6	Bisoprolol_Fu 0204000H0AAABAB	5902452 Tab	Pdr Sach	Bisoprolol_Fu	#N/A	1 0204000H0AAAYAY	TRUE
7	Bisoprolol_Fu 0204000H0AAAJAJ	20978219 Tab	Pdr Sach	Bisoprolol_Fu	#N/A	1 0204000H0AABCBC	TRUE
8	Bisoprolol_Fu 0204000H0AABEBE	30405 Oral Soln	Liq Spec	Bisoprolol_Fu	#N/A	2 0204000H0AAAPAP	TRUE
9	Bisoprolol_Fu 0204000H0AABFBF	4478 Oral Susp	Liq Spec	Bisoprolol_Fu	#N/A	2 0204000H0AAAPAP	TRUE
10	Bisoprolol_Fu 0204000H0AABGBG	7550 Oral Soln	Liq Spec	Bisoprolol_Fu	#N/A	2 0204000H0AAAQAQ	TRUE
11	Bisoprolol_Fu 0204000H0AABHBH	2970 Oral Susp	Liq Spec	Bisoprolol_Fu	#N/A	2 0204000H0AAAQAQ	TRUE
12	Bisoprolol_Fu 0204000H0AABIBI	2990 Oral Susp	Oral Soln	Bisoprolol_Fu	#N/A	2 0204000H0AAUAU	TRUE
13	Metoprolol_T 0204000K0AAKBKB	7100 Oral Soln	Liq Spec	Metoprolol_T	#N/A	2 0204000K0AAAUAU	TRUE
14	Metoprolol_T 0204000K0AABLBL	1350 Oral Susp	Liq Spec	Metoprolol_T	#N/A	2 0204000K0AAAUAU	TRUE
15	Metoprolol_T 0204000K0AABMBM	2320 Oral Soln	Liq Spec	Metoprolol_T	#N/A	2 0204000K0AAATAT	TRUE
16	Metoprolol_T 0204000K0AABBNB	920 Oral Susp	Liq Spec	Metoprolol_T	#N/A	2 0204000K0AAATAT	TRUE
17	Propranolol_I 0204000R0AAAHAH	8556246 Tab	Cap	Propranolol_I	#N/A	1 0204000R0AACGCG	TRUE
18	Propranolol_I 0204000R0AAAJAJ	9547001 Tab	Cap	Propranolol_I	#N/A	1 0204000R0AADIDJ	TRUE
19	Propranolol_I 0204000R0AAALAL	26329 Tab	Cap	Propranolol_I	#N/A	1 0204000R0AACVCV	TRUE
20	Propranolol_I 0204000R0AACCHCH	300 Liq Spec	Oral Soln	Propranolol_I	#N/A	2 0204000R0AAAGAG	TRUE
21	Propranolol_I 0204000R0AACICI	750 Liq Spec	Liq	Propranolol_I	#N/A	2 0204000R0AABUBU	TRUE
22	Propranolol_I 0204000R0AACJCJ	300 Liq Spec	Mix	Propranolol_I	#N/A	2 0204000R0AAAQAQ	TRUE
23	Propranolol_I 0204000R0AACLCL	900 Liq Spec	Oral Soln	Propranolol_I	#N/A	2 0204000R0AAAZAZ	TRUE
24	Sotalol_HCl_C 0204000T0AAATAT	900 Oral Soln	Oral Susp	Sotalol_HCl_C	0204000T0AA	2 0204000T0AABCBC	TRUE
25	Sotalol_HCl_C 0204000T0AABCBC	2705 Oral Susp	Oral Soln	Sotalol_HCl_C	0204000T0AA	2 0204000T0AAATAT	TRUE
26	Hydralazine_I 0205010J0AAA3A3	3480 Liq Spec	Susp	Hydralazine_I	#N/A	2 0205010J0AAAPAP	TRUE
27	Hydralazine_I 0205010J0AAA4A4	450 Liq Spec	Susp	Hydralazine_I	#N/A	2 0205010J0AAAVAV	TRUE
28	Hydralazine_I 0205010J0AAA8A8	400 Liq Spec	Susp	Hydralazine_I	#N/A	2 0205010J0AAARAR	TRUE
29	Methyldopa_0205020H0AAADAD	328565 Tab	Cap	Methyldopa_	#N/A	1 0205020H0AAAAAA	TRUE
30	Methyldopa_0205020H0AAIAIAI	300 Liq Spec	Susp	Methyldopa_	#N/A	2 0205020H0AAABAB	TRUE
31	Doxazosin_M 0205040D0AAAAAA	2646966 Tab	Cap	Doxazosin_M	#N/A	1 0205040D0AAAEAE	TRUE
32	Doxazosin_M 0205040D0AAABAB	5549195 Tab	Cap	Doxazosin_M	#N/A	1 0205040D0AAAGAG	TRUE
33	Doxazosin_M 0205040D0AACAC	14750955 Tab	Cap	Doxazosin_M	#N/A	1 0205040D0AAAF	TRUE
34	Doxazosin_M 0205040D0AAAXAX	8550 Oral Soln	Liq Spec	Doxazosin_M	#N/A	2 0205040D0AAALAL	TRUE
35	Doxazosin_M 0205040D0AAAYAY	2300 Oral Susp	Liq Spec	Doxazosin_M	#N/A	2 0205040D0AAALAL	TRUE
36	Doxazosin_M 0205040D0AAAZAZ	2250 Oral Soln	Liq Spec	Doxazosin_M	#N/A	2 0205040D0AAAMAM	TRUE
37	Doxazosin_M 0205040D0AABABA	3870 Oral Susp	Liq Spec	Doxazosin_M	#N/A	2 0205040D0AAAMAM	TRUE
38	Phenoxybenz_0205040M0AAACAC	11681 Cap	Tab	Phenoxybenz	#N/A	1 0205040M0AAIAIAI	TRUE
39	Prazosin_HCl_0205040S0AAACAC	318024 Tab	Cap	Prazosin_HCl	#N/A	1 0205040S0AAAMAM	TRUE
40	Captopril_Ta 0205051F0AAADAD	76459 Tab	Cap	Captopril_Ca	#N/A	1 0205051F0AABEBE	TRUE
41	Captopril_Ta 0205051F0AAEEAE	211270 Tab	Cap	Captopril_Ca	#N/A	1 0205051F0AABUBL	TRUE
42	Captopril_Ta 0205051F0AAFAF	234980 Tab	Cap	Captopril_Ca	#N/A	1 0205051F0AADUDU	TRUE
43	Captopril_Liq 0205051F0AABNBN	2000 Liq Spec	Oral Soln	Captopril_Or	#N/A	2 0205051F0AADVDV	TRUE
44	Captopril_Liq 0205051F0AABRRR	1200 Liq Spec	Susp	Captopril_Su	#N/A	2 0205051F0AABGBG	TRUE
45	Captopril_Liq 0205051F0AABWBW	3785 Liq Spec	Oral Soln	Captopril_Or	#N/A	2 0205051F0AADDXD	TRUE
46	Captopril_Liq 0205051F0AABXBX	600 Liq Spec	Susp	Captopril_Su	#N/A	2 0205051F0AAAGAG	TRUE
47	Enalapril_Mal 0205051I0AAAAAA	409495 Tab	Cap	Enalapril_Mal	#N/A	1 0205051I0AABXBX	TRUE
48	Enalapril_Mal 0205051I0AAABAB	1136019 Tab	Wafer	Enalapril_Mal	#N/A	1 0205051I0AABIBI	TRUE
49	Enalapril_Mal 0205051I0AAACAC	1993781 Tab	Wafer	Enalapril_Mal	#N/A	1 0205051I0AABIBJ	TRUE
50	Enalapril_Mal 0205051I0AAADAD	3120715 Tab	Wafer	Enalapril_Mal	#N/A	1 0205051I0AAKBKB	TRUE
51	Enalapril_Mal 0205051I0AABYBY	15150 Oral Soln	Liq Spec	Enalapril_Mal	#N/A	2 0205051I0AAANAN	TRUE
52	Enalapril_Mal 0205051I0AABZBZ	5295 Oral Susp	Liq Spec	Enalapril_Mal	#N/A	2 0205051I0AAANAN	TRUE
53	Lisinopril_Liq 0205051L0AAAGAG	7525 Liq Spec	Oral Soln	Lisinopril_Or	#N/A	2 0205051L0AAAUAU	TRUE
54	Lisinopril_Liq 0205051L0AAAIAl	2560 Liq Spec	Oral Soln	Lisinopril_Or	#N/A	2 0205051L0AAAAWAW	TRUE
55	Lisinopril_Or 0205051L0AAAYAY	1150 Oral Soln	Liq Spec	Lisinopril_Liq	#N/A	2 0205051L0AAAF	TRUE
56	Lisinopril_Or 0205051L0AAAZAZ	1950 Oral Susp	Liq Spec	Lisinopril_Liq	#N/A	2 0205051L0AAAF	TRUE
57	Perindopril_E 0205051M0AAAAAA	3258652 Tab	Pdr Sach	Perindopril_E	#N/A	1 0205051M0AAAJAJ	TRUE
58	Perindopril_E 0205051M0AAABAB	5944667 Tab	Pdr Sach	Perindopril_E	#N/A	1 0205051M0AAIAIAI	TRUE
59	Perindopril_E 0205051M0AAAKAK	4800 Oral Soln	Liq Spec	Perindopril_E	#N/A	2 0205051M0AAAGAG	TRUE
60	Perindopril_E 0205051M0AAALAL	1225 Oral Susp	Liq Spec	Perindopril_E	#N/A	2 0205051M0AAAGAG	TRUE
61	Ramipril_Cap 0205051R0AAAAAA	6842531 Cap	Tab	Ramipril_Tat	0205051R0AA	1 0205051R0AAAKAK	TRUE
62	Ramipril_Cap 0205051R0AAABAB	18762634 Cap	Tab	Ramipril_Tat	0205051R0AA	1 0205051R0AAALAL	TRUE
63	Ramipril_Cap 0205051R0AACAC	22071838 Cap	Tab	Ramipril_Tat	0205051R0AA	1 0205051R0AAAMAM	TRUE
64	Ramipril_Cap 0205051R0AAADAD	30689703 Cap	Tab	Ramipril_Tat	0205051R0AA	1 0205051R0AAANAN	TRUE
65	Ramipril_Liq 0205051R0AAEEAE	6030 Liq Spec	Oral Soln	Ramipril_Ora	#N/A	2 0205051R0AAAXAX	TRUE
66	Ramipril_Liq 0205051R0AAFAF	2530 Liq Spec	Oral Soln	Ramipril_Ora	#N/A	2 0205051R0AAAVAV	TRUE
67	Ramipril_Tab 0205051R0AAAKAK	32223 Tab	Cap	Ramipril_Cap	0205051R0AA	1 0205051R0AAAAAA	TRUE
68	Ramipril_Tab 0205051R0AAALAL	683547 Tab	Cap	Ramipril_Cap	0205051R0AA	1 0205051R0AAABAB	TRUE
69	Ramipril_Tab 0205051R0AAAMAM	984243 Tab	Cap	Ramipril_Cap	0205051R0AA	1 0205051R0AAACAC	TRUE
70	Ramipril_Tab 0205051R0AAANAN	973626 Tab	Cap	Ramipril_Cap	0205051R0AA	1 0205051R0AAADAD	TRUE
71	Ramipril_Titr 0205051R0AAAUAU	50 Titration Pack (T)	Titration Pack (Cap)	Ramipril_Titr	#N/A	3 0205051R0AAIAIAI	TRUE
72	Irbesartan_T 0205051200AACAC	2372235 Tab	Pdr Sach	Irbesartan_P	#N/A	1 0205052I0AAIAIAI	TRUE
73	Losartan_Pot 0205052N0AAAEAE	1670 Oral Soln	Oral Susp	Losartan_Pot	0205052N0AA	2 0205052N0AAJAJ	TRUE
74	Losartan_Pot 0205052N0AAAJAJ	7540 Oral Susp	Oral Soln	Losartan_Pot	0205052N0AA	2 0205052N0AAEAE	TRUE
75	Valsartan_Ca 0205052V0AAAAAA	446411 Cap	Tab	Valsartan_Ta	0205052V0AA	1 0205052V0AAADAD	TRUE
76	Valsartan_Ca 0205052V0AAABAB	893555 Cap	Tab	Valsartan_Ta	0205052V0AA	1 0205052V0AAIAIAI	TRUE
77	Valsartan_Ca 0205052V0AACAC	499682 Cap	Tab	Valsartan_Ta	0205052V0AA	1 0205052V0AAAHAH	TRUE
78	Valsartan_Ta 0205052V0AAADAD	52315 Tab	Cap	Valsartan_Ca	0205052V0AA	1 0205052V0AAAAAA	TRUE
79	Valsartan_Ta 0205052V0AAAHAH	5799 Tab	Cap	Valsartan_Ca	0205052V0AA	1 0205052V0AACAC	TRUE
80	Valsartan_Ta 0205052V0AAIAIAI	7291 Tab	Cap	Valsartan_Ca	0205052V0AA	1 0205052V0AAABAB	TRUE
81	Glyceryl_Trini 0206010F0AAACAC	100 Tab	Patch	Glyceryl_Trini	#N/A	1 0206010F0AAZAZ	TRUE
82	Glyceryl_Trini 0206010F0AACGCG	28554 Sub A/Spy	Sub P/Spy	Glyceryl_Trini	0206010F0AA	2 0206010F0AACICI	TRUE
83	Glyceryl_Trini 0206010F0AACAC	5517 Sub A/Spy	Sub P/Spy	Glyceryl_Trini	0206010F0AA	2 0206010F0AACJCI	TRUE
84	Glyceryl_Trini 0206010F0AACICI	87127 Sub P/Spy	Sub A/Spy	Glyceryl_Trini	0206010F0AA	2 0206010F0AACGCG	TRUE

1	Glyceryl Trini 0206010F0AACJCJ	14494 Sub P/Spy	Sub A/Spy	Y	Glyceryl Trini 0206010F0AA	2 0206010F0AACCHC	TRUE
2	Isosorbide Di 0206010I0AAAIAI	82807 Tab	Cap	Y	Isosorbide Di #N/A	1 0206010I0AAAAAA	TRUE
3	Isosorbide Di 0206010I0AAAIAJ	27919 Tab	Cap	Y	Isosorbide Di #N/A	1 0206010I0AAAAB	TRUE
4	Isosorbide M 0206010K0AAAEAE	1233653 Tab	Cap	Y	Isosorbide M 0206010KOAA	1 0206010K0AAAQAQ	TRUE
5	Isosorbide M 0206010K0AAAF	169753 Cap	Tab	Y	Isosorbide M 0206010KOAA	1 0206010K0AAAUU	TRUE
6	Isosorbide M 0206010K0AAAGAG	157165 Tab	Cap	Y	Isosorbide M 0206010KOAA	1 0206010K0AAAPAP	TRUE
7	Isosorbide M 0206010K0AAAHAH	546345 Cap	Tab	Y	Isosorbide M 0206010KOAA	1 0206010K0AAATAT	TRUE
8	Isosorbide M 0206010K0AAALAL	1560 Oral Soln	Oral Susp	Y	Isosorbide M 0206010KOAA	2 0206010K0AABB	TRUE
9	Isosorbide M 0206010K0AAAPAP	274219 Cap	Tab	Y	Isosorbide M 0206010KOAA	1 0206010K0AAAGAG	TRUE
10	Isosorbide M 0206010K0AAAQAO	316403 Cap	Tab	Y	Isosorbide M 0206010KOAA	1 0206010K0AAAEAE	TRUE
11	Isosorbide M 0206010K0AAATAT	161422 Tab	Cap	Y	Isosorbide M 0206010KOAA	1 0206010K0AAAHAH	TRUE
12	Isosorbide M 0206010K0AAAUAU	60893 Tab	Cap	Y	Isosorbide M 0206010KOAA	1 0206010K0AAAF	TRUE
13	Isosorbide M 0206010K0AABBBB	3160 Oral Susp	Oral Soln	Y	Isosorbide M 0206010KOAA	2 0206010K0AAALAL	TRUE
14	Amlodipine_0206020A0AACAC	13730 Liq Spec	Oral Soln	Amlodipine_#N/A	2 0206020A0AAAQAQ	TRUE	
15	Amlodipine_0206020A0AADAD	3080 Liq Spec	Oral Soln	Amlodipine_#N/A	2 0206020A0AAASAS	TRUE	
16	Diltiazem HC 0206020C0AAAAAA	881384 Tab	Cap	Y	Diltiazem HC 0206020C0AA	1 0206020C0AAAJ	TRUE
17	Diltiazem HC 0206020C0AAACAC	219823 Tab	Cap	Y	Diltiazem HC 0206020C0AA	1 0206020C0AAATAT	FALSE
18	Diltiazem HC 0206020C0AAAJ	291054 Cap	Tab	Y	Diltiazem HC 0206020C0AA	1 0206020C0AAAAAA	FALSE
19	Diltiazem HC 0206020C0AAARAR	2160 Oral Soln	Oral Susp	Y	Diltiazem HC 0206020C0AA	2 0206020C0AABIBI	TRUE
20	Diltiazem HC 0206020C0AAASAS	141828 Tab	Cap	Y	Diltiazem HC 0206020C0AA	1 0206020C0AAUUAU	FALSE
21	Diltiazem HC 0206020C0AAATAT	274921 Cap	Tab	Y	Diltiazem HC 0206020C0AA	1 0206020C0AAACAC	FALSE
22	Diltiazem HC 0206020C0AAAUAU	229536 Cap	Tab	Y	Diltiazem HC 0206020C0AA	1 0206020C0AAASAS	FALSE
23	Diltiazem HC 0206020C0AAIBIB	3940 Oral Susp	Oral Soln	Y	Diltiazem HC 0206020C0AA	2 0206020C0AAARAR	TRUE
24	Nifedipine_C 0206020R0AAABAB	369143 Cap	Tab	Nifedipine_T#N/A	1 0206020R0AAAVAV	TRUE	
25	Nifedipine_C 0206020R0AAEAE	213802 Tab	Cap	Y	Nifedipine_C 0206020R0AA	1 0206020R0AAAMAM	FALSE
26	Nifedipine_C 0206020R0AAAHAH	225468 Cap	Tab	Y	Nifedipine_T 0206020R0AA	1 0206020R0AAARAR	TRUE
27	Nifedipine_C 0206020R0AAAMAM	213718 Cap	Tab	Y	Nifedipine_T 0206020R0AA	1 0206020R0AAEAE	TRUE
28	Nifedipine_T 0206020R0AAANAN	123950 Tab	Cap	Y	Nifedipine_C 0206020R0AA	1 0206020R0AABEBE	FALSE
29	Nifedipine_T 0206020R0AAAPAP	56400 Tab	Cap	Y	Nifedipine_C 0206020R0AA	1 0206020R0AABFBF	FALSE
30	Nifedipine_T 0206020R0AAARAR	258719 Tab	Cap	Y	Nifedipine_C 0206020R0AA	1 0206020R0AAAHAH	FALSE
31	Nifedipine_C 0206020R0AABEBE	95930 Cap	Tab	Y	Nifedipine_T 0206020R0AA	1 0206020R0AAANAN	TRUE
32	Nifedipine_C 0206020R0AABFBF	46764 Cap	Tab	Y	Nifedipine_T 0206020R0AA	1 0206020R0AAAPAP	TRUE
33	Nifedipine_O 0206020R0AABQBQ	4200 Oral Susp	Liq Spec	Nifedipine_Li#N/A	2 0206020R0AAATAT	TRUE	
34	Nifedipine_O 0206020R0AABRBR	4040 Oral Susp	Liq Spec	Nifedipine_Li#N/A	2 0206020R0AABB	TRUE	
35	Verapamil H 0206020T0AAACAC	822364 Tab	Pdrs	Verapamil H#N/A	1 0206020T0AAAQAQ	TRUE	
36	Verapamil H 0206020T0AAAHAH	433418 Tab	Cap	Y	Verapamil H 0206020T0AA	1 0206020T0AAAKAK	TRUE
37	Verapamil H 0206020T0AAAI	77911 Cap	Tab	Y	Verapamil H 0206020T0AA	1 0206020T0AAUUAU	TRUE
38	Verapamil H 0206020T0AAAKAK	51749 Cap	Tab	Y	Verapamil H 0206020T0AA	1 0206020T0AAAHAH	TRUE
39	Verapamil H 0206020T0AAAUAU	417540 Tab	Cap	Y	Verapamil H 0206020T0AA	1 0206020T0AAAI	TRUE
40	Nicorandil_T 020603N0AAAAAA	5510850 Tab	Pdr Sach	Nicorandil_P#N/A	1 020603N0AAAEE	TRUE	
41	Moxisilyte H 0206040AIAAACAC	13086 Tab	Cap	Noxisilyte H#N/A	1 0206040AIAAAFAF	TRUE	
42	Heparin Sod_0208010K0AAABAB	85 Inj	Soln	N	Heparin Sod_0208010POAA	1 0208010POAAADAD	TRUE
43	Heparin Sod_0208010K0AABIBI	60 Inj	Soln	N	Heparin Sod_0208010POAA	1 0208010POAAABAB	TRUE
44	Heparin Sod_0208010P0AAABAB	4304 Soln	Inj	N	Heparin Sod_0208010KOAA	1 0208010K0AABIBI	TRUE
45	Heparin Sod_0208010P0AAADAD	7771 Soln	Inj	Y	Heparin Sod_0208010KOAA	1 0208010K0AAABAB	TRUE
46	Pentosan Pol_0208020I0AAAEAE	2608 Cap	Tab	Pentosan Pol#N/A	1 0208020I0AAAFAF	TRUE	
47	Warfarin Sod 0208020V0AAAAAA	23339391 Tab	Cap	Y	Warfarin Soc 0208020V0AA	1 0208020V0AABABA	TRUE
48	Warfarin Sod 0208020V0AAAI	1530 Liq Spec	Elix	Warfarin Soc#N/A	2 0208020V0AAAGAG	TRUE	
49	Warfarin Sod 0208020V0AABABA	28 Cap	Pdrs	Warfarin Soc#N/A	1 0208020V0AAAYAY	TRUE	
50	Aspirin_Tab 0209000A0AAAJ	7175840 Tab	Cap	Y	Aspirin_Cap#N/A	1 0209000A0AAAZAZ	TRUE
51	Aspirin_Tab 0209000A0AAKAK	11192886 Tab E/C	Cap	Y	Aspirin_Cap#N/A	2 0209000A0AAZAZ	TRUE
52	Clopidogrel_0209000C0AAAAAA	20507218 Tab	Pdrs	Clopidogrel_#N/A	1 0209000C0AAACAC	TRUE	
53	Clopidogrel_0209000C0AAAJ	50350 Oral Soln	Liq Spec	Clopidogrel_#N/A	2 0209000C0AAABAB	TRUE	
54	Clopidogrel_0209000C0AAAKAK	6360 Oral Susp	Liq Spec	Clopidogrel_#N/A	2 0209000C0AAABAB	TRUE	
55	Dipyridamole_0209000L0AAAHAH	4520 Oral Soln	Oral Susp	Dipyridamole#N/A	2 0209000L0AAAWAW	TRUE	
56	Tranexamic / 0211000P0AABBBB	17950 Oral Soln	Liq Spec	Tranexamic /#N/A	2 0211000P0AAFAF	TRUE	
57	Tranexamic / 0211000P0ABCBC	5950 Oral Susp	Liq Spec	Tranexamic /#N/A	2 0211000P0AAFAF	TRUE	
58	Tranexamic / 0211000P0AABBD	5100 Mthwsh	Nsl Dps	Tranexamic /#N/A	1 0211000P0AAASAS	TRUE	
59	Atorvastatin_0212000B0AAAAAA	184474748 Tab	Pdr Sach	Atorvastatin_#N/A	1 0212000B0AAAJ	TRUE	
60	Atorvastatin_0212000B0AAABAB	36894614 Tab	Pdr Sach	Atorvastatin_#N/A	1 0212000B0AAKAK	TRUE	
61	Atorvastatin_0212000B0AAAF	3200 Oral Soln	Oral Susp	Y	Atorvastatin_0212000B0AA	2 0212000B0AAAQAQ	TRUE
62	Atorvastatin_0212000B0AAQAO	21060 Oral Susp	Oral Soln	Y	Atorvastatin_0212000B0AA	2 0212000B0AAFAF	TRUE
63	Colestipol HC 0212000K0AAAAAA	11208 Gran Sach	Pdr Sach	Y	Colestipol HC 0212000K0AA	2 0212000K0AAABAB	TRUE
64	Colestipol HC 0212000K0AAABAB	19381 Pdr Sach	Gran Sach	Y	Colestipol HC 0212000K0AA	2 0212000K0AAAAAA	TRUE
65	Nicotinic Acic 0212000U0AAABAB	90 Tab	Cap	Nicotinic Acic#N/A	1 0212000U0AAATAT	TRUE	
66	Pravastatin S 0212000X0AAAAAA	1673685 Tab	Pdr Sach	Pravastatin S#N/A	1 0212000X0AAAI	TRUE	
67	Salbutamol_I 0301011R0AAAPAP	1338528 Inha	Inha B/A	N	Salbutamol_I 0301011R0AA	1 0301011R0AABUBU	TRUE
68	Salbutamol_I 0301011R0AABGBG	262470 Oral Soln	Syr	Salbutamol_I#N/A	2 0301011R0AABRR	TRUE	
69	Salbutamol_I 0301011R0AABMBM	196 Cap	Tab	Salbutamol_I#N/A	1 0301011R0AABEBE	TRUE	
70	Salbutamol_I 0301011R0AABPB	336 Cap	Tab	Salbutamol_I#N/A	1 0301011R0AABFBF	TRUE	
71	Salbutamol_I 0301011R0AABUBU	97624 Inha B/A	Inha	N	Salbutamol_I 0301011R0AA	2 0301011R0AAAPAP	TRUE
72	Salbutamol_I 0301011R0AABZBZ	1443 Pdr For Inh	Inha	Salbutamol_I#N/A	3 0301011R0AAAAAA	TRUE	
73	Ephed HCI_T 0301012F0AAAAAA	18571 Tab	Cap	Ephed HCI_C#N/A	1 0301012F0AAANAN	TRUE	
74	Ephed HCI_T 0301012F0AAABAB	10567 Tab	Cap	Ephed HCI_C#N/A	1 0301012F0AAAMAM	TRUE	
75	Ipratrop Bror 0301020I0AAAAAA	5 Inha	Inha B/A	Ipratrop Bror#N/A	1 0301020I0AAAGAG	TRUE	
76	Theophylline 0301030S0AAADAD	44038 Cap	Tab	N	Theophylline 0301030S0AA	1 0301030S0AAANAN	TRUE
77	Theophylline 0301030S0AAAGAG	2600 Oral Soln	Liq Spec	Theophylline#N/A	2 0301030S0ABCBC	TRUE	
78	Theophylline 0301030S0AAANAN	4406 Tab	Cap	N	Theophylline 0301030S0AA	1 0301030S0AAADAD	TRUE
79	Theophylline 0301030S0AAAPAP	23204 Tab	Cap	N	Theophylline#N/A	1 0301030S0AAEAE	TRUE
80	Budesonide_0302000K0AAADAD	4 Inha	Pdr For Inh	Budesonide_#N/A	1 0302000K0AAAXAX	TRUE	
81	Budesonide_0302000K0AAAGAG	10906 Pdr For Inh	Inha	Budesonide_#N/A	3 0302000K0AAABAB	TRUE	
82	Montelukast_0303020G0AACAC	427509 Tab Chble	Gran Sach	N	Montelukast_0303020G0AA	2 0303020G0AAADAD	TRUE
83	Montelukast_0303020G0AAADAD	267604 Gran Sach	Tab Chble	N	Montelukast_0303020G0AA	2 0303020G0AAACAC	TRUE
84	Ketotifen Fur 0304010AGAAACAC	14840 Tab	Cap	Ketotifen Fur#N/A	1 0304010AGAAAAAA	TRUE	

1	Brompheniramine 0304010F0AAADAD	168 Cap	Tab		Brompheniramine #N/A	1 0304010F0AAACAC	TRUE
2	Chlorphenamine 0304010G0AAAACAC	294526 Tab	Cap	Y	Chlorphenamine #N/A	1 0304010G0AAAIAI	TRUE
3	Chlorphenamine 0304010G0AAAPAP	1167921 Oral Soln	Syr		Chlorphenamine #N/A	2 0304010G0AAANAN	TRUE
4	Cetirizine HC 0304010I0AAAAAA	14570891 Tab	Cap	Y	Cetirizine HC 0304010I0AA/	1 0304010I0AAADAD	TRUE
5	Cetirizine HC 0304010I0AAADAD	62469 Cap	Tab	Y	Cetirizine HC 0304010I0AA/	1 0304010I0AAAAAA	TRUE
6	Hydroxyzine 0304010J0AAAAAA	106636 Oral Soln	Liq Spec		Hydroxyzine #N/A	2 0304010J0AAAEAE	TRUE
7	Hydroxyzine 0304010J0AAABAB	575289 Tab	Pdrs		Hydroxyzine #N/A	1 0304010J0AAADAD	TRUE
8	Diphenhydramine 0304010N0AAAGAG	41857 Tab	Cap		Diphenhydramine #N/A	1 0304010N0AAAAAA	TRUE
9	Diphenhydramine 0304010N0AAAPAP	29430 Tab	Cap		Diphenhydramine #N/A	1 0304010N0AAARAR	TRUE
10	Diphenhydramine 0304010N0AAAWAW	400 Liq Spec	Linct		Diphenhydramine #N/A	2 0304010N0AAAQAO	TRUE
11	Promethazine 0304010W0AAALAL	1760504 Tab	Suppos		Promethazine #N/A	1 0304010W0AAAJAJ	TRUE
12	Alimemazoline 0304010Y0AAADAD	156966 Tab	Cap	Y	Alimemazoline #N/A	1 0304010Y0AAALAL	TRUE
13	Acetylcholine_Gra 0307000C0AAAAAA	13674 Gran Sach	Cap		Acetylcholine_Gra #N/A	2 0307000C0AAAIAI	TRUE
14	Acetylcholine_Tat 0307000C0AAAJAI	6418 Tab Eff	Cap	N	Acetylcholine_Tat 0307000C0AA	2 0307000C0AAAKAK	TRUE
15	Acetylcholine_Caq 0307000C0AAAKAK	28146 Cap	Tab	Y	Acetylcholine_Caq 0307000C0AA	1 0307000C0AAAMAM	TRUE
16	Acetylcholine_Tat 0307000C0AAAMAM	26561 Tab	Cap	Y	Acetylcholine_Caq 0307000C0AA	1 0307000C0AAKAK	TRUE
17	Carbocisteine 0307000J0AAAAAA	18236337 Cap	Tab		Carbocisteine #N/A	1 0307000J0AAAEAE	TRUE
18	Codeine Pho 0309010C0AAAAAA	1460883 Linct	Linct Diabetic		Codeine Pho #N/A	1 0309010C0AAABAB	TRUE
19	Pholcodine_I 0309010X0AAABAB	512980 Linct	Linct Diabetic		Pholcodine_I #N/A	1 0309010X0AAAEAE	TRUE
20	Pholcodine_I 0309010X0AACAC	57005 Linct Strong	Linct Diabetic		Pholcodine_I #N/A	2 0309010X0AAAF	TRUE
21	Guaiifenesin_0309020G0AAALAL	180 Oral Soln	Linct		Guaiifenesin_ #N/A	2 0309020G0AAFAF	TRUE
22	Guaiifenesin_0309020G0AAANAN	125 Oral Soln	Linct		Guaiifenesin_ #N/A	2 0309020G0AAAIAI	TRUE
23	Guaiifen/Lev 0309020G0AAPAP	500 Oral Soln	Sach		Guaiifen/Lev #N/A	1 #N/A	TRUE
24	Pseudoephedrine 0310000N0AAABAB	89590 Oral Soln	Linct		Pseudoephedrine #N/A	2 0310000N0AAAMAM	TRUE
25	Melatonin_T 0401010ADAFFFFFF	1081719 Tab	Cap	Y	Melatonin_C 0401010ADA#	1 0401010ADAACHCH	TRUE
26	Melatonin_C 0401010ADAAAEEAE	175402 Cap	Tab	Y	Melatonin_T 0401010ADA#	1 0401010ADAABKBK	TRUE
27	Melatonin_C 0401010ADAAAHHAH	7082 Cap	Tab Subling		Melatonin_T #N/A	1 0401010ADAAAVAV	TRUE
28	Melatonin_T 0401010ADAAIAIAI	7400 Tab	Cap	Y	Melatonin_C 0401010ADA#	1 0401010ADAABQBQ	TRUE
29	Melatonin_C 0401010ADAAJAJAI	21288 Cap	Tab	Y	Melatonin_T 0401010ADA#	1 0401010ADAAAQAQ	TRUE
30	Melatonin_T 0401010ADAAQQAQ	150 Tab	Cap	Y	Melatonin_C 0401010ADA#	1 0401010ADAAJAJ	TRUE
31	Melatonin_C 0401010ADAABABA	913868 Oral Soln	Liq Spec		Melatonin_Li #N/A	2 0401010ADAABHBF	TRUE
32	Melatonin_T 0401010ADAABKWK	90 Tab	Cap	Y	Melatonin_C 0401010ADA#	1 0401010ADAAEAE	TRUE
33	Melatonin_T 0401010ADAABLBL	1794 Tab	Cap	Y	Melatonin_C 0401010ADA#	1 0401010ADAABBSBS	TRUE
34	Melatonin_T 0401010ADAABPBP	47585 Tab	Cap	Y	Melatonin_C 0401010ADA#	1 0401010ADAABRBR	TRUE
35	Melatonin_C 0401010ADAABQBQ	12073 Cap	Tab	Y	Melatonin_T 0401010ADA#	1 0401010ADAAIAI	TRUE
36	Melatonin_C 0401010ADAABRBR	119844 Cap	Loz Subling		Melatonin_Li #N/A	1 0401010ADAABEBE	TRUE
37	Melatonin_C 0401010ADAABSDS	45762 Cap	Tab	Y	Melatonin_T 0401010ADA#	1 0401010ADAABLBL	TRUE
38	Melatonin_C 0401010ADAABXBX	70006 Oral Susp	Liq Spec		Melatonin_Li #N/A	2 0401010ADAABHBF	TRUE
39	Melatonin_C 0401010ADAABYBY	64425 Oral Soln	Liq Spec		Melatonin_Li #N/A	2 0401010ADAAAYAY	TRUE
40	Melatonin_C 0401010ADAABZBZ	13626 Oral Susp	Liq Spec		Melatonin_Li #N/A	2 0401010ADAAAYAY	TRUE
41	Melatonin_C 0401010ADAACACA	21850 Oral Soln	Liq Spec		Melatonin_Li #N/A	2 0401010ADAABFBF	TRUE
42	Melatonin_C 0401010ADAACBCB	2990 Oral Susp	Liq Spec		Melatonin_Li #N/A	2 0401010ADAABFBF	TRUE
43	Melatonin_C 0401010ADAACDCD	20710 Oral Soln	Liq Spec		Melatonin_Li #N/A	2 0401010ADAABUBU	TRUE
44	Melatonin_C 0401010ADAACECE	4280 Oral Susp	Liq Spec		Melatonin_Li #N/A	2 0401010ADAABUBU	TRUE
45	Melatonin_C 0401010ADAACFCF	26776 Oral Soln	Liq Spec		Melatonin_Li #N/A	2 0401010ADAATAT	TRUE
46	Melatonin_C 0401010ADAACGCG	11240 Oral Susp	Liq Spec		Melatonin_Li #N/A	2 0401010ADAATAT	TRUE
47	Melatonin_C 0401010ADAACHCH	324 Cap	Tab	Y	Melatonin_T 0401010ADA#	1 0401010ADAAAAAA	TRUE
48	Chloral Hydr 0401010B0AAAF	62020 Oral Soln	Liq Spec		Chloral Hydr #N/A	2 0401010B0AAAYAY	TRUE
49	Chloral Hydr 0401010B0AAQAO	36 Suppos	Cap		Chloral Hydr #N/A	1 0401010B0AAAAAA	TRUE
50	Chloral Hydr 0401010B0AABGBG	11550 Liq Spec	Oral Susp		Chloral Hydr #N/A	2 0401010B0AABVBV	TRUE
51	Chloral Hydr 0401010B0AABSBS	219458 Mix	Elix		Chloral Hydr #N/A	1 0401010B0AAAGAG	TRUE
52	Lormetazepam 0401010P0AAACAC	49672 Tab	Cap		Lormetazepam #N/A	1 0401010P0AAAAAA	TRUE
53	Nitrazepam_0401010R0AAACAC	1366424 Tab	Cap	Y	Nitrazepam_ #N/A	1 0401010R0AAAIAI	TRUE
54	Nitrazepam_0401010R0AAAPAP	2640 Liq Spec	Oral Susp		Nitrazepam_ #N/A	2 0401010R0AAALAL	TRUE
55	Temazepam_0401010T0AAAEAE	252368 Oral Soln	UD Oral Soln		Temazepam_ #N/A	2 0401010T0AABABA	TRUE
56	Zolpidem Tar 0401010Y0AAAAAA	590261 Tab	Pdr Sach		Zolpidem Tar #N/A	1 0401010Y0AAACAC	TRUE
57	Zopiclone_Te 0401010Z0AAAAAA	5169972 Tab	Pdr Sach		Zopiclone_Pc #N/A	1 0401010Z0AAAIAI	TRUE
58	Zopiclone_Te 0401010Z0AAACAC	4289969 Tab	Pdr Sach		Zopiclone_Pc #N/A	1 0401010Z0AAAHAH	TRUE
59	Zopiclone_Oi 0401010Z0AAAJAJ	25500 Oral Soln	Liq Spec		Zopiclone_Li #N/A	2 0401010Z0AAAEAE	TRUE
60	Zopiclone_Oi 0401010Z0AAAKAK	2290 Oral Susp	Liq Spec		Zopiclone_Li #N/A	2 0401010Z0AAAEAE	TRUE
61	Zopiclone_Oi 0401010Z0AAALAL	1880 Oral Susp	Liq Spec		Zopiclone_Li #N/A	2 0401010Z0AAAF	TRUE
62	Zopiclone_Oi 0401010Z0AAAMAM	6410 Oral Soln	Liq Spec		Zopiclone_Li #N/A	2 0401010Z0AAAF	TRUE
63	Chlordiazepoxide 0401020E0AAAAAA	458 Tab	Cap	Y	Chlordiazepoxide 0401020E0AA	1 0401020E0AAADAD	TRUE
64	Chlordiazepoxide 0401020E0AAABAB	16706 Tab	Cap	Y	Chlordiazepoxide 0401020E0AA	1 0401020E0AAEAE	TRUE
65	Chlordiazepoxide 0401020E0AAADAD	160372 Cap	Tab	Y	Chlordiazepoxide 0401020E0AA	1 0401020E0AAAAAA	TRUE
66	Chlordiazepoxide 0401020E0AAAEAE	107295 Cap	Tab	Y	Chlordiazepoxide 0401020E0AA	1 0401020E0AAABAB	TRUE
67	Chlordiazepoxide 0401020E0AAUUAU	100 Liq Spec	Susp		Chlordiazepoxide #N/A	2 0401020E0AAAJAJ	TRUE
68	Diazepam_O 0401020K0AAA1A1	30113 Oral Soln	Liq Spec		Diazepam_Li #N/A	2 0401020K0AABHBF	TRUE
69	Diazepam_O 0401020K0AAA6A6	71630 Oral Soln	Liq Spec		Diazepam_Li #N/A	2 0401020K0AABBNBN	TRUE
70	Diazepam_In 0401020K0AAACAC	77 Inj	Inj (Emulsion)	Y	Diazepam_In 0401020K0AA	1 0401020K0AAAQAO	TRUE
71	Diazepam_Te 0401020K0AAAHHAH	6880790 Tab	Cap	Y	Diazepam_C #N/A	1 0401020K0AAA2A2	TRUE
72	Diazepam_Te 0401020K0AAIAIAI	5012210 Tab	Cap	Y	Diazepam_C #N/A	1 0401020K0AAA3A3	TRUE
73	Diazepam_Te 0401020K0AAAJAJ	727887 Tab	Cap	Y	Diazepam_C #N/A	1 0401020K0AABJBJ	TRUE
74	Diazepam_In 0401020K0AAQAQ	119 Inj (Emulsion)	Inj	N	Diazepam_In 0401020K0AA	2 0401020K0AAACAC	TRUE
75	Diazepam_O 0401020K0AACBCB	32822 Oral Soln	Liq Spec		Diazepam_Li #N/A	2 0401020K0AABUBU	TRUE
76	Lorazepam_10401020P0AAABAB	2686243 Tab	Cap	Y	Lorazepam_Li #N/A	1 0401020P0AAANAN	TRUE
77	Lorazepam_10401020P0AAABHBH	930 Liq Spec	Susp		Lorazepam_Li #N/A	2 0401020P0AAJAJ	TRUE
78	Lorazepam_0401020P0AACDCD	42530 Oral Soln	Liq Spec		Lorazepam_Li #N/A	2 0401020P0AABIBI	TRUE
79	Lorazepam_0401020P0AAECECE	8965 Oral Susp	Liq Spec		Lorazepam_Li #N/A	2 0401020P0AABIBI	TRUE
80	Lorazepam_0401020P0AACFCF	13950 Oral Soln	Liq Spec		Lorazepam_Li #N/A	2 0401020P0AABGBG	TRUE
81	Lorazepam_0401020P0AACGCG	4400 Oral Susp	Liq Spec		Lorazepam_Li #N/A	2 0401020P0AABGBG	TRUE
82	Oxazepam_L 0401020T0AAAJAJ	100 Liq Spec	Susp		Oxazepam_S #N/A	2 0401020T0AAAEAE	TRUE
83	Amobarb Soc 0401030E0AAAAAA	1541 Cap	Tab		Amobarb Soc #N/A	1 0401030E0AAAEAE	TRUE
84	Amobarb Soc 0401030E0AAABAB	706 Cap	Tab		Amobarb Soc #N/A	1 0401030E0AAAF	TRUE

1	Olanzapine_040201060AAAAAA	1249961 Tab	Orodisper Tab Y	Olanzapine_040201060AA	1 040201060AAAWAW	TRUE
2	Olanzapine_040201060AAACAC	1421294 Tab	Orodisper Tab Y	Olanzapine_040201060AA	1 040201060AAAXAX	TRUE
3	Olanzapine_040201060AAEAE	9575 Oral Lyophilisate	Orodisper Tab Y	Olanzapine_040201060AA	3 040201060AAASAS	TRUE
4	Olanzapine_040201060AAIAI	1485 Oral Soln	Oral Susp Y	Olanzapine_040201060AA	2 040201060AABABA	TRUE
5	Olanzapine_040201060AAALAL	277973 Tab	Orodisper Tab Y	Olanzapine_040201060AA	1 040201060AAAYAY	TRUE
6	Olanzapine_040201060AAAQ	348989 Tab	Orodisper Tab Y	Olanzapine_040201060AA	1 040201060AAAQAZ	TRUE
7	Olanzapine_040201060AAASAS	12573 Orodisper Tab	Oral Lyophilis Y	Olanzapine_040201060AA	2 040201060AAEAE	TRUE
8	Olanzapine_040201060AAAWAW	63513 Orodisper Tab	Tab Y	Olanzapine_040201060AA	2 040201060AAAAAA	TRUE
9	Olanzapine_040201060AAAXAX	51594 Orodisper Tab	Tab Y	Olanzapine_040201060AA	2 040201060AAACAC	TRUE
10	Olanzapine_040201060AAAYAY	17403 Orodisper Tab	Tab Y	Olanzapine_040201060AA	2 040201060AAALAL	TRUE
11	Olanzapine_040201060AAAQAZ	28613 Orodisper Tab	Tab Y	Olanzapine_040201060AA	2 040201060AAAQAZ	TRUE
12	Olanzapine_040201060AABABA	3180 Oral Susp	Oral Soln Y	Olanzapine_040201060AA	2 040201060AAAIAI	TRUE
13	Amisulpride_0402010A0AAADAD	7630 Liq Spec	Oral Soln	Amisulpride_#N/A	2 0402010A0AAAKAK	TRUE
14	Quetiapine_0402010ABAABAB	4186846 Tab	Pdr Sach	Quetiapine_f#N/A	1 0402010ABAQQAQ	TRUE
15	Quetiapine_0402010ABAACAC	1387017 Tab	Pdr Sach	Quetiapine_f#N/A	1 0402010ABAAPAP	TRUE
16	Quetiapine_0402010ABAHHAH	1630 Oral Soln	Oral Susp Y	Quetiapine_0402010ABA	2 0402010ABAABDBD	TRUE
17	Quetiapine_0402010ABAIAIAI	8395 Oral Soln	Oral Susp Y	Quetiapine_0402010ABA	2 0402010ABAABBBB	TRUE
18	Quetiapine_0402010ABAALAL	1100 Oral Soln	Oral Susp Y	Quetiapine_0402010ABA	2 0402010ABAABEBE	TRUE
19	Quetiapine_0402010ABAAMAM	2950 Oral Soln	Oral Susp Y	Quetiapine_0402010ABA	2 0402010ABAABCBC	TRUE
20	Quetiapine_0402010ABA BBBB	6140 Oral Susp	Oral Soln Y	Quetiapine_0402010ABA	2 0402010ABAIAI	TRUE
21	Quetiapine_0402010ABA BCBC	15515 Oral Susp	Oral Soln Y	Quetiapine_0402010ABA	2 0402010ABAAMAM	TRUE
22	Quetiapine_0402010ABA BD BD	25030 Oral Susp	Oral Soln Y	Quetiapine_0402010ABA	2 0402010ABAHHAH	TRUE
23	Quetiapine_0402010ABA BEBE	10080 Oral Susp	Oral Soln Y	Quetiapine_0402010ABA	2 0402010ABAALAL	TRUE
24	Chlorpromaz 0402010D0AAA2A2	1580 Liq Spec	Oral Soln Y	Chlorpromaz 0402010D0AA	2 0402010D0AAFAF	TRUE
25	Chlorpromaz 0402010D0AAAFAF	50035 Oral Soln	Liq Spec Y	Chlorpromaz 0402010D0AA	2 0402010D0AAA2A2	TRUE
26	Chlorpromaz 0402010D0AAAHAH	380 Tab	Cap Y	Chlorpromaz 0402010D0AA	1 0402010D0ABDBD	TRUE
27	Chlorpromaz 0402010D0AAIAI	564271 Tab	Suppos	Chlorpromaz #N/A	1 0402010D0AAASAS	TRUE
28	Chlorpromaz 0402010D0AAAJ	356908 Tab	Suppos	Chlorpromaz #N/A	1 0402010D0AAATAT	TRUE
29	Chlorpromaz 0402010D0AAAKAK	219352 Tab	Cap Y	Chlorpromaz #N/A	1 0402010D0AAAYAY	TRUE
30	Chlorpromaz 0402010D0AAARAR	12 Suppos	Cap	Chlorpromaz #N/A	1 0402010D0AAAYAY	TRUE
31	Chlorpromaz 0402010D0AAARAR	128 Cap	Tab Y	Chlorpromaz 0402010D0AA	1 0402010D0AAAHAH	TRUE
32	Haloperidol_0402010J0AAA7A7	8255 Liq Spec	Liq Y	Haloperidol_#N/A	2 0402010JOAAAQAZ	TRUE
33	Haloperidol_0402010J0AAAAAA	362406 Cap	Tab Y	Haloperidol_0402010J0AA	1 0402010J0AAIAI	TRUE
34	Haloperidol_0402010J0AAAIAI	18111 Tab	Cap Y	Haloperidol_0402010J0AA	1 0402010J0AAAAAA	TRUE
35	Levomeprom 0402010K0AAARAR	2400 Oral Susp	Oral Soln	Levomeprom #N/A	2 0402010K0AAALAL	TRUE
36	Promazine H 0402010S0AAADAD	1420665 Oral Soln	Liq Spec	Promazine H #N/A	2 0402010S0AAALAL	TRUE
37	Promazine H 0402010S0AAIAIAI	457889 Oral Soln	Liq Spec	Promazine H #N/A	2 0402010S0AAANAN	TRUE
38	Sulpiride_Tat 0402010U0AAAHH	454340 Tab	Pdrs	Sulpiride_Pdi #N/A	1 0402010U0AAALAL	TRUE
39	Sulpiride_Liq 0402010U0AAANAN	840 Liq Spec	Susp	Sulpiride_Sus #N/A	2 0402010U0AAJAJ	TRUE
40	Thioridazine_0402010W0AACAC	120 Oral Soln	Liq Spec	Thioridazine_#N/A	2 0402010W0AAASAS	TRUE
41	Lithium Carb_0402030K0AAACAC	68661 Tab	Cap N	Lithium Carb_#N/A	1 0402030K0AAAKAK	FALSE
42	Lithium Carb_0402030K0AAAFAC	230017 Tab Slow	Tab N	Lithium Carb_#N/A	2 0402030K0AAADAD	FALSE
43	Lithium Carb_0402030K0AAPAP	1000 Liq Spec	Susp	Lithium Carb_#N/A	2 0402030K0AAAJAJ	TRUE
44	Valproic Acid 0402030Q0AAAAAA	438076 Tab G/R	Tab Y	Valproic Acid 040801020AA	2 040801020AAADAD	TRUE
45	Valproic Acid 0402030Q0AAABAB	501670 Tab G/R	Cap E/C Y	Valproic Acid 040801020AA	2 040801020AAACAC	TRUE
46	Amitriptyline 0403010B0AAA6A6	15748 Liq Spec	Oral Soln	Amitriptyline #N/A	2 0403010B0AABHBH	TRUE
47	Amitriptyline 0403010B0AAFAF	153651 Oral Soln	Syr	Amitriptyline #N/A	2 0403010B0AAWAW	TRUE
48	Amitriptyline 0403010B0AAAGAG	34759799 Tab	Cap Y	Amitriptyline #N/A	1 0403010B0AAA4A4	TRUE
49	Amitriptyline 0403010B0AAAHAH	11768335 Tab	Cap Y	Amitriptyline #N/A	1 0403010B0AAPAP	TRUE
50	Amitriptyline 0403010B0AAIAIAI	6574927 Tab	Cap Y	Amitriptyline #N/A	1 0403010B0AAASAS	TRUE
51	Amitriptyline 0403010B0AAANAN	433355 Oral Soln	Syr	Amitriptyline #N/A	2 0403010B0AAAXAX	TRUE
52	Clomipramin 0403010F0AAAAAA	343244 Cap	Tab	Clomipramin #N/A	1 0403010F0AAAIAI	TRUE
53	Clomipramin 0403010F0AAABAB	494583 Cap	Tab	Clomipramin #N/A	1 0403010F0AAAFAC	TRUE
54	Dosulepin HC 0403010J0AAA6A6	650 Oral Susp	Mix	Dosulepin HC #N/A	2 0403010J0AAAPAP	TRUE
55	Dosulepin HC 0403010J0AAA7A7	300 Liq Spec	Mix	Dosulepin HC #N/A	2 0403010J0AAEAE	TRUE
56	Dosulepin HC 0403010J0AAAAAA	2538624 Cap	Tab	Dosulepin HC #N/A	1 0403010J0AAJAJ	TRUE
57	Dosulepin HC 0403010J0AAAIAI	1429276 Tab	Cap Y	Dosulepin HC #N/A	1 0403010J0AAAZA2	TRUE
58	Dosulepin HC 0403010J0AAABJB	16500 Oral Soln	Mix	Dosulepin HC #N/A	2 0403010J0AAAPAP	TRUE
59	Dosulepin HC 0403010J0AABKBK	5250 Oral Soln	Liq Spec Y	Dosulepin HC 0403010J0AA	2 0403010J0AAAT7A7	TRUE
60	Imipramine_f 0403010N0AAAEAE	815596 Tab	Cap Y	Imipramine_f #N/A	1 0403010N0AAAAAA	TRUE
61	Lofepramine 0403010R0AAAGAG	300 Liq Spec	Susp	Lofepramine #N/A	2 0403010R0AAABAB	TRUE
62	Nortriptyline 0403010V0AAADAD	2125620 Tab	Cap Y	Nortriptyline #N/A	1 0403010V0AAAAAA	TRUE
63	Nortriptyline 0403010V0AAAEAE	1060761 Tab	Cap Y	Nortriptyline #N/A	1 0403010V0AAABAB	TRUE
64	Nortriptyline 0403010V0AAANAN	3500 Liq Spec	Susp	Nortriptyline #N/A	2 0403010V0AAAGAG	TRUE
65	Trazodone H 0403010X0AAAGAG	380 Liq Spec	Oral Liq	Trazodone H #N/A	2 0403010X0AAACAC	TRUE
66	Trimipramine 0403010Y0AAAAAA	174301 Cap	Tab	Trimipramine #N/A	1 0403010Y0AAADAD	TRUE
67	Trimipramine 0403010Y0AAACAC	84967 Tab	Cap Y	Trimipramine #N/A	1 0403010Y0AAAEAE	TRUE
68	Moclobemid_0403020K0AAACAA	66667 Tab	Suppos	Moclobemid #N/A	1 0403020K0AAABAB	TRUE
69	Citalopram H 0403030D0AAAAAA	23700098 Tab	Cap Y	Citalopram H #N/A	1 0403030D0AAALAL	TRUE
70	Citalopram H 0403030D0AAABAB	11125054 Tab	Cap Y	Citalopram H #N/A	1 0403030D0AAAKAK	TRUE
71	Fluoxetine H 0403030E0AAACAC	1165080 Oral Soln	Liq Spec	Fluoxetine H #N/A	2 0403030E0AAAFAC	TRUE
72	Sertraline HC 0403030Q0AAACQAQ	76665 Oral Susp	Liq Spec	Sertraline HC #N/A	2 0403030Q0AAADAD	TRUE
73	Sertraline HC 0403030Q0AAARAR	15305 Oral Susp	Liq Spec	Sertraline HC #N/A	2 0403030Q0AAACAC	TRUE
74	Tryptophan_0403040S0AAABAB	504 Tab	Cap Y	Tryptophan_0403040S0AA	1 0403040S0AAIAIAI	TRUE
75	Tryptophan_0403040S0AAIAIAI	14006 Cap	Tab Y	Tryptophan_0403040S0AA	1 0403040S0AAABAB	TRUE
76	Venlafaxine_0403040W0AAADAD	415409 Cap	Tab Y	Venlafaxine_0403040W0A	1 0403040W0AAJAJ	TRUE
77	Venlafaxine_0403040W0AAEAEAE	373023 Cap	Tab Y	Venlafaxine_0403040W0A	1 0403040W0AAKAK	TRUE
78	Venlafaxine_0403040W0AAJAJ	1177963 Tab	Cap Y	Venlafaxine_0403040W0A	1 0403040W0AAADAD	TRUE
79	Venlafaxine_0403040W0AAAKAK	1270012 Tab	Cap Y	Venlafaxine_0403040W0A	1 0403040W0AAEEAE	TRUE
80	Venlafaxine_0403040W0AAAMAM	231260 Tab	Cap Y	Venlafaxine_0403040W0A	1 0403040W0AAASAS	TRUE
81	Venlafaxine_0403040W0AAANAN	7060 Oral Soln	Liq Spec	Venlafaxine_#N/A	2 0403040W0AAAFAC	TRUE
82	Venlafaxine_0403040W0AAPAP	2540 Oral Susp	Liq Spec	Venlafaxine_#N/A	2 0403040W0AAAFAC	TRUE
83	Venlafaxine_0403040W0AAQAQ	14875 Oral Soln	Liq Spec	Venlafaxine_#N/A	2 0403040W0AAAGAG	TRUE
84	Venlafaxine_0403040W0AAARAR	4600 Oral Susp	Liq Spec	Venlafaxine_#N/A	2 0403040W0AAAGAG	TRUE

1	Venlafaxine_0403040W0AAASAS	107906 Cap	Tab	Y	Venlafaxine_0403040W0A/	1 0403040W0AAAMAM	TRUE
2	Mirtazapine_0403040X0AAAAAA	4921509 Tab	Orodisper Tab	Y	Mirtazapine_0403040X0AA	1 0403040X0AAAJAJ	TRUE
3	Mirtazapine_0403040X0AAAJAJ	338547 Orodisper Tab	Tab	Y	Mirtazapine_0403040X0AA	2 0403040X0AAAAAA	TRUE
4	Mirtazapine_0403040X0AAALAL	486402 Orodisper Tab	Tab	Y	Mirtazapine_0403040X0AA	2 0403040X0AAANAN	TRUE
5	Mirtazapine_0403040X0AAAMAM	419083 Orodisper Tab	Tab	Y	Mirtazapine_0403040X0AA	2 0403040X0AAAPAP	TRUE
6	Mirtazapine_0403040X0AAANAN	5383100 Tab	Orodisper Tab	Y	Mirtazapine_0403040X0AA	1 0403040X0AAALAL	TRUE
7	Mirtazapine_0403040X0AAAPAP	3850396 Tab	Orodisper Tab	Y	Mirtazapine_0403040X0AA	1 0403040X0AAAMAM	TRUE
8	Dexamfet Su 0404000L0AAAMAM	1680 Liq Spec	Elix		Dexamfet Su #N/A	2 0404000L0AAIAI	TRUE
9	Methylpheni 0404000M0AAAFAF	1740 Oral Soln	Oral Susp	Y	Methylpheni 0404000M0A/	2 0404000M0AABB	TRUE
10	Methylpheni 0404000M0AAAHAH	348 Tab	Cap	Y	Methylpheni 0404000M0A/	1 0404000M0AAAQAQ	TRUE
11	Methylpheni 0404000M0AAAQAQ	19921 Cap	Tab	Y	Methylpheni 0404000M0A/	1 0404000M0AAAHAH	FALSE
12	Methylpheni 0404000M0AAAUAU	12744 Cap	Tab	Y	Methylpheni #N/A	1 0404000M0AAAAS	FALSE
13	Methylpheni 0404000M0AABBBB	5640 Oral Susp	Oral Soln	Y	Methylpheni 0404000M0A/	2 0404000M0AAAFAF	TRUE
14	Modafinil_Oi 0404000R0AAADAD	900 Oral Soln	Oral Susp	Y	Modafinil_Oi 0404000R0AA	2 0404000R0AAAEAE	TRUE
15	Modafinil_Oi 0404000R0AAAEAE	800 Oral Susp	Oral Soln	Y	Modafinil_Oi 0404000R0AA	2 0404000R0AAADAD	TRUE
16	Betahistine_f 0406000B0AAADAD	1100 Oral Soln	Oral Susp	Y	Betahistine_f 0406000B0AA	2 0406000B0AAAGAG	TRUE
17	Betahistine_f 0406000B0AAAGAG	3450 Oral Susp	Oral Soln	Y	Betahistine_f 0406000B0AA	2 0406000B0AAADAD	TRUE
18	Flunarizine H 0406000E0AAAAAA	3000 Cap	Tab	Y	Flunarizine H 0406000E0AA	1 0406000E0AAADAD	TRUE
19	Flunarizine H 0406000E0AAADAD	302 Tab	Cap	Y	Flunarizine H 0406000E0AA	1 0406000E0AAAAAA	TRUE
20	Cyclizine HCl_0406000FOAACAC	4067810 Tab	Suppos		Cyclizine HCl_#N/A	1 0406000FO0AABAB	TRUE
21	Cyclizine HCl_0406000FOABDBD	6460 Oral Soln	Liq Spec		Cyclizine HCl_#N/A	2 0406000FOAAAQAQ	TRUE
22	Cyclizine HCl_0406000FOABEBE	17410 Oral Susp	Liq Spec		Cyclizine HCl_#N/A	2 0406000FOAAAQAQ	TRUE
23	Domperidon_0406000J0AAAJAJ	2743317 Tab	Suppos		Domperidon_#N/A	1 0406000J0AAIAI	TRUE
24	Hyoscine Hyc 0406000L0AAACAC	46152 Tab	Tab Chble	N	Hyoscine Hyc 0406000L0AA	1 0406000L0AAAWAW	TRUE
25	Hyoscine Hyc 0406000L0AAATAT	233400 Tab	Cap	Y	Hyoscine Hyc #N/A	1 0406000L0AARAR	TRUE
26	Hyoscine Hyc 0406000L0AAAWAW	11684 Tab Chble	Tab	Y	Hyoscine Hyc 0406000L0AA	2 0406000L0AAACAC	TRUE
27	Hyoscine Hyc 0406000L0AABMBM	15988 Oral Soln	Liq Spec		Hyoscine Hyc #N/A	2 0406000L0AAAYAY	TRUE
28	Hyoscine Hyc 0406000L0AABBNB	16110 Oral Susp	Liq Spec		Hyoscine Hyc #N/A	2 0406000L0AAAYAY	TRUE
29	Hyoscine Hyc 0406000L0AABPBP	1380 Oral Soln	Liq Spec		Hyoscine Hyc #N/A	2 0406000L0AAAXAX	TRUE
30	Hyoscine Hyc 0406000L0AABQBQ	8320 Oral Susp	Liq Spec		Hyoscine Hyc #N/A	2 0406000L0AAAXAX	TRUE
31	Metoclopran 0406000P0AAAEAE	3690951 Tab	Suppos		Metoclopran #N/A	1 0406000P0AAAMAM	TRUE
32	Ondansetron 0406000S0AAABAB	443195 Tab	Orodisper Tab	Y	Ondansetron 0406000S0AA	1 0406000S0AAAKAK	TRUE
33	Ondansetron 0406000S0AAACAC	64003 Tab	Orodisper Tab	Y	Ondansetron 0406000S0AA	1 0406000S0AAALAL	TRUE
34	Ondansetron 0406000S0AAIAI	8627 Oral Lyophil Tab	Orodisper Film	Y	Ondansetron 0406000S0AA	3 0406000S0AAAMAM	TRUE
35	Ondansetron 0406000S0AAJAJ	3020 Oral Lyophil Tab	Orodisper Film	Y	Ondansetron 0406000S0AA	3 0406000S0AAANAN	TRUE
36	Ondansetron 0406000S0AAAKAK	13227 Orodisper Tab	Tab	Y	Ondansetron 0406000S0AA	2 0406000S0AAABAB	TRUE
37	Ondansetron 0406000S0AAALAL	3228 Orodisper Tab	Tab	Y	Ondansetron 0406000S0AA	2 0406000S0AAACAC	TRUE
38	Ondansetron 0406000S0AAAMAM	5556 Orodisper Film	Oral Lyophil Ta	Y	Ondansetron 0406000S0AA	2 0406000S0AAIAI	TRUE
39	Ondansetron 0406000S0AAANAN	1264 Orodisper Film	Oral Lyophil Ta	Y	Ondansetron 0406000S0AA	2 0406000S0AAJAJ	TRUE
40	Prochlpzine_I 0406000T0AAAEAE	20 Suppos	Tab	N	Prochlpzine_I 0406000T0AA	1 0406000T0AAAGAG	TRUE
41	Prochlpzine_I 0406000T0AAAGAG	5787035 Tab	Suppos	N	Prochlpzine_I 0406000T0AA	1 0406000T0AAEAE	TRUE
42	Ketamine_Or 0406000W0AAAANAN	34374 Oral Soln	Liq Spec		Ketamine_Lic #N/A	2 0406000W0AAAAAA	TRUE
43	Ketamine_Or 0406000W0AAAPAP	9960 Oral Susp	Liq Spec		Ketamine_Lic #N/A	2 0406000W0AAAAAA	TRUE
44	Aspirin_Tab f 0407010B0AAA3A3	76089 Tab E/C	Cap		Aspirin_Cap : #N/A	2 0407010B0AAASAS	TRUE
45	Aspirin_Tab : 0407010B0AAAFAF	75824 Tab	Cap	Y	Aspirin_Cap : #N/A	1 0407010B0AAASAS	TRUE
46	Co-Codamol_0407010FO0AAA	25047235 Tab	Cap	Y	Co-Codamol_0407010FO0AA	1 0407010FO0AAABAB	TRUE
47	Co-Codamol_0407010FO0AAABAB	1801667 Cap	Suppos		Co-Codamol_ #N/A	1 0407010FO0AAANAN	TRUE
48	Co-Codamol_0407010FO0AAADAD	18921408 Cap	Suppos		Co-Codamol_ #N/A	1 0407010FO0AAALAL	TRUE
49	Co-Codamol_0407010FO0AAFFAF	6404873 Tab	Pdr Sach		Co-Codamol_ #N/A	1 0407010FO0AAQAOQ	TRUE
50	Co-Codamol_0407010FO0AAAHAK	49420313 Tab	Cap	Y	Co-Codamol_0407010FO0AA	1 0407010FO0AAADAD	TRUE
51	Co-Codamol_0407010FO0AAVAV	10577342 Tab	Cap	Y	Co-Codamol_0407010FO0AA	1 0407010FO0AAAVAV	TRUE
52	Co-Codamol_0407010FO0AAVAV	1822941 Cap	Tab	Y	Co-Codamol_0407010FO0AA	1 0407010FO0AAKAK	TRUE
53	Paracet_Oral 0407010H0AAA5A5	245820 Oral Susp	Oral Soln	Y	Paracet_Oral 0407010H0AA	2 0407010H0AADPD	TRUE
54	Paracet_Oral 0407010H0AAA7A7	2902553 Oral Soln Paed	Oral Susp Paed	Y	Paracet_Oral 0407010H0AA	3 0407010H0AAAWAW	TRUE
55	Paracet_Cap 0407010H0AAA444	9990710 Cap	Capl		Paracet_Cap #N/A	1 0407010H0AAA444	TRUE
56	Paracet_Oral 0407010H0AAABAB	4540 Oral Soln Paed	Oral Susp Paed	Y	Paracet_Oral 0407010H0AA	3 0407010H0AAIAI	TRUE
57	Paracet_Oral 0407010H0AAACAC	10839032 Oral Susp	Liq Spec	Y	Paracet_Liq : 0407010H0AA	2 0407010H0AABDB	TRUE
58	Paracet_Oral 0407010H0AAAI	2951636 Oral Susp Paed	Oral Soln Paed	Y	Paracet_Oral 0407010H0AA	3 0407010H0AAABAB	TRUE
59	Paracet_Tab 0407010H0AAAAMAM	190216311 Tab	Cap	Y	Paracet_Cap 0407010H0AA	1 0407010H0AAAAAA	TRUE
60	Paracet_Tab 0407010H0AAAQAOQ	6570278 Tab Solb	Cap	N	Paracet_Cap 0407010H0AA	2 0407010H0AAAAAA	TRUE
61	Paracet_Tab 0407010H0AAASAS	680 Tab Solb	Cap		Paracet_Cap #N/A	2 0407010H0AAANAN	TRUE
62	Paracet_Oral 0407010H0AAAWAW	4237283 Oral Susp Paed	Oral Soln Paed	Y	Paracet_Oral 0407010H0AA	3 0407010H0AA7A7	TRUE
63	Paracet_Sup 0407010H0AABBNB	860 Suppos	Pdr Sach	N	Paracet_Pdr 0407010H0AA	1 0407010H0AADGDG	TRUE
64	Paracet_Sup 0407010H0ABQBQ	6050 Suppos	Cap		Paracet_Cap #N/A	1 0407010H0AAANAN	TRUE
65	Paracet_Sup 0407010H0ABSBS	2831 Suppos	Pdr Sach		Paracet_Pdr #N/A	1 0407010H0AAA8A8	TRUE
66	Paracet_Sup 0407010H0AABUBU	12923 Suppos	Cap	N	Paracet_Cap 0407010H0AA	1 0407010H0AAAAAA	TRUE
67	Paracet_Sup 0407010H0AACBCB	2137 Suppos	Cap		Paracet_Cap #N/A	1 0407010H0AADADA	TRUE
68	Paracet_Sup 0407010H0ACACMC	5296 Suppos	Cap		Paracet_Cap #N/A	1 0407010H0AACQCO	TRUE
69	Paracet_Liq S 0407010H0AACPCP	8930 Liq Spec	Elix		Paracet_Elix #N/A	2 0407010H0AAA3A3	TRUE
70	Paracet_Liq S 0407010H0AADBD	6000 Liq Spec	Oral Susp	Y	Paracet_Oral 0407010H0AA	2 0407010H0AACAC	TRUE
71	Paracet_Rap_0407010H0AADCDC	20007 Rapid Tab	Cap		Paracet_Cap #N/A	2 0407010H0AADADA	TRUE
72	Paracet_Pdr 0407010H0AADGDG	50 Pdr Sach	Pdrs		Paracet_Pdrs #N/A	2 0407010H0AAAYAY	TRUE
73	Paracet_Tab 0407010H0AADLDL	1389 Tab	Pdr Sach	N	Paracet_Pdr 0407010H0AA	1 0407010H0AADGD	TRUE
74	Paracet_Oral 0407010H0AADPDP	570677 Oral Soln	Oral Susp	Y	Paracet_Oral 0407010H0AA	2 0407010H0AA5A5	TRUE
75	Co-Dydramol 0407010N0AAAAAA	20364757 Tab	Pdr Sach		Co-Dydramo #N/A	1 0407010N0AAAF	TRUE
76	Co-Dydramol 0407010N0AAACAC	1400 Oral Soln	Oral Susp	Y	Co-Dydramo 0407010N0AA	2 0407010N0AAAGAG	TRUE
77	Co-Dydramol 0407010N0AAAGAG	1950 Oral Susp	Oral Soln	Y	Co-Dydramo 0407010N0AA	2 0407010N0AAACAC	TRUE
78	Tramadol HC 040702040AAAAAA	52885881 Cap	Eff Pdr Sach		Tramadol HC #N/A	1 040702040AAKAK	TRUE
79	Tramadol HC 040702040AACAC	885970 Tab	Cap	Y	Tramadol HC 040702040AA	1 040702040AAAHAH	TRUE
80	Tramadol HC 040702040AAADAD	89805 Tab	Cap	Y	Tramadol HC 040702040AA	1 040702040AAIAI	TRUE
81	Tramadol HC 040702040AAAEAE	241319 Tab	Cap	Y	Tramadol HC 040702040AA	1 040702040AAJAJ	TRUE
82	Tramadol HC 040702040AAAFAC	161165 Tab Solb	Orodisper Tab	Y	Tramadol HC 040702040AA	2 040702040AAATAT	TRUE
83	Tramadol HC 040702040AAAGAG	549400 Cap	Tab	Y	Tramadol HC 040702040AA	1 040702040AAAYAY	TRUE
84	Tramadol HC 040702040AAAHAH	1023997 Cap	Tab	Y	Tramadol HC 040702040AA	1 040702040AAACAC	TRUE

1	Tramadol HC 040702040AAAIAI	159142 Cap	Tab	Y	Tramadol HC 040702040AA	1 040702040AAADAD	TRUE
2	Tramadol HC 040702040AAAJAJ	387664 Cap	Tab	Y	Tramadol HC 040702040AA	1 040702040AAAEEAE	TRUE
3	Tramadol HC 040702040AAATAT	55666 Orodisper Tab	Tab Solb	Y	Tramadol HC 040702040AA	2 040702040AAAFAF	TRUE
4	Tramadol HC 040702040AAAYAY	356271 Tab	Cap	Y	Tramadol HC 040702040AA	1 040702040AAAGAG	TRUE
5	Fentanyl_Tat 0407020A0AAAWAW	5713 Tab Sublingual	Tab Buccal	Y	Fentanyl_Tat 0407020A0AA	2 0407020A0AABCBC	TRUE
6	Fentanyl_Tat 0407020A0AAAXAX	6180 Tab Sublingual	Buccal Film		Fentanyl_Bu_ #N/A	2 0407020A0AABTBT	TRUE
7	Fentanyl_Tat 0407020A0AAAZAZ	2586 Tab Sublingual	Buccal Film		Fentanyl_Bu_ #N/A	2 0407020A0AABUBU	TRUE
8	Fentanyl_Tat 0407020A0AABABA	576 Tab Sublingual	Tab Buccal	Y	Fentanyl_Tat 0407020A0AA	2 0407020A0AABFBF	TRUE
9	Fentanyl_Tat 0407020A0AABBBA	993 Tab Sublingual	Buccal Film		Fentanyl_Bu_ #N/A	2 0407020A0AABVVB	TRUE
10	Fentanyl_Tat 0407020A0AACBC	8776 Tab Buccal	Tab Sublingual	Y	Fentanyl_Tat 0407020A0AA	2 0407020A0AAAWAW	TRUE
11	Fentanyl_Tat 0407020A0AABDBD	9545 Tab Buccal	Buccal Film		Fentanyl_Bu_ #N/A	2 0407020A0AABTBT	TRUE
12	Fentanyl_Tat 0407020A0AABEBE	6813 Tab Buccal	Buccal Film		Fentanyl_Bu_ #N/A	2 0407020A0AABUBU	TRUE
13	Fentanyl_Tat 0407020A0AABFBF	1430 Tab Buccal	Tab Sublingual	Y	Fentanyl_Tat 0407020A0AA	2 0407020A0AABABA	TRUE
14	Fentanyl_Tat 0407020A0AABGBG	2016 Tab Buccal	Buccal Film		Fentanyl_Bu_ #N/A	2 0407020A0AABVVB	TRUE
15	Codeine Pho: 0407020C0AAADAD	10847338 Tab	Cap	Y	Codeine Pho: #N/A	1 0407020C0AAAJAJ	TRUE
16	Codeine Pho: 0407020C0AAAEAE	22397747 Tab	Cap	Y	Codeine Pho: #N/A	1 0407020C0AAAUAU	TRUE
17	Codeine Pho: 0407020C0AAASAS	12 Suppos	Cap		Codeine Pho: #N/A	1 0407020C0AAAUAU	TRUE
18	Dihydrocode 0407020G0AAAAAA	107925 Oral Soln	Liq Spec		Dihydrocode #N/A	2 0407020G0AAAPAP	TRUE
19	Dihydrocode 0407020G0AACAC	11690805 Tab	Cap	Y	Dihydrocode #N/A	1 0407020G0AAAQAQ	TRUE
20	Diamorph HC 0407020K0AACBCB	16303 Tab	Reefer		Diamorph HC #N/A	1 0407020K0AA BY	TRUE
21	Diamorph HC 0407020K0AADCDC	52 Reefer	Cap		Diamorph HC #N/A	1 0407020K0AAETET	TRUE
22	Diamorph HC 0407020K0AADIDI	300 Liq Spec	Linct		Diamorph HC #N/A	2 0309010N0AACAC	TRUE
23	Diamorph HC 0407020K0AAEUU	52 Reefer	Suppos		Diamorph HC #N/A	1 0407020K0AACJCI	TRUE
24	Methadone I 0407020M0AAAEEAE	349219 Tab	Cap	Y	Methadone I #N/A	1 0407020M0AABUBU	TRUE
25	Methadone I 0407020M0AAABIBI	511 Cap	Reefer		Methadone I #N/A	1 0407020M0AAJAJ	TRUE
26	Methadone I 0407020M0AABLBI	200 Cap	Reefer		Methadone I #N/A	1 0407020M0AAA1A1	TRUE
27	Methadone I 0407020M0AAABMBM	336 Cap	Reefer		Methadone I #N/A	1 0407020M0AAA2A2	TRUE
28	Morph_Sulf_I_0407020Q0AAA4A4	10 Inj	Epidural Inj		Morph_Sulf_I_ #N/A	1 0407020Q0AAEQEQ	TRUE
29	Morph_Sulf_I_0407020Q0AAA9A9	25 Inj	Epidural Inj		Morph_Sulf_I_ #N/A	1 0407020Q0AACIC	TRUE
30	Morph_Sulf_I_0407020Q0AAABAB	81679 Inj	Epidural Inj		Morph_Sulf_I_ #N/A	1 0407020Q0AACJCJ	TRUE
31	Morph_Sulf_I_0407020Q0AAACAC	8418 Inj	Epidural Inj		Morph_Sulf_I_ #N/A	1 0407020Q0AAEMEM	TRUE
32	Morph_Sulf_I_0407020Q0AAADAD	7311 Inj	Epidural Inj		Morph_Sulf_I_ #N/A	1 0407020Q0AACXCX	TRUE
33	Morph_Sulf_I_0407020Q0AAAGAG	4586 Tab	Cap	Y	Morph_Sulf_I_0407020Q0AA	1 0407020Q0AAEI	TRUE
34	Morph_Sulf_I_0407020Q0AAAHAH	36596 Tab	Cap	Y	Morph_Sulf_I_0407020Q0AA	1 0407020Q0AAEBEB	TRUE
35	Morph_Sulf_I_0407020Q0AAAIAI	149946 Tab	Cap	Y	Morph_Sulf_I_0407020Q0AA	1 0407020Q0AAEH	TRUE
36	Morph_Sulf_I_0407020Q0AAAKAK	976217 Tab	Cap	Y	Morph_Sulf_I_0407020Q0AA	1 0407020Q0AAEFF	TRUE
37	Morph_Sulf_I_0407020Q0AAALAL	494098 Tab	Cap	Y	Morph_Sulf_I_0407020Q0AA	1 0407020Q0AAEGEG	TRUE
38	Morph_Sulf_I_0407020Q0ABMBM	144 Suppos	Cap		Morph_Sulf_I_ #N/A	1 0407020Q0AADSDS	TRUE
39	Morph_Sulf_I_0407020Q0AACDCD	356949 Tab	Suppos	N	Morph_Sulf_I_0407020Q0AA	1 0407020Q0AACQCQ	TRUE
40	Morph_Sulf_I_0407020Q0AACECE	114087 Tab	Suppos		Morph_Sulf_I_ #N/A	1 0407020Q0ACRCR	TRUE
41	Morph_Sulf_I_0407020Q0AACFCF	141103 Tab	Gran Sach		Morph_Sulf_I_ #N/A	1 0407020Q0AAFLFL	TRUE
42	Morph_Sulf_I_0407020Q0ACNCN	32164535 Oral Soln	Liq Spec		Morph_Sulf_I_ #N/A	2 0407020Q0AAEK	TRUE
43	Morph_Sulf_I_0407020Q0AACPCP	8256 Gran Sach	Cap	N	Morph_Sulf_I_0407020Q0AA	2 0407020Q0AAEGEG	TRUE
44	Morph_Sulf_I_0407020Q0AACQCQ	844 Suppos	Tab	N	Morph_Sulf_I_0407020Q0AA	1 0407020Q0AACDCD	TRUE
45	Morph_Sulf_I_0407020Q0AACVCV	12552 Gran Sach	Cap		Morph_Sulf_I_ #N/A	2 0407020Q0AADZDZ	TRUE
46	Morph_Sulf_I_0407020Q0AACDC	2931 Gran Sach	Cap	Y	Morph_Sulf_I_0407020Q0AA	2 0407020Q0AAEH	TRUE
47	Morph_Sulf_I_0407020Q0AADEDE	1386 Gran Sach	Cap	Y	Morph_Sulf_I_0407020Q0AA	2 0407020Q0AAEBEB	TRUE
48	Morph_Sulf_I_0407020Q0AADEDE	60 Gran Sach	Cap	Y	Morph_Sulf_I_0407020Q0AA	2 0407020Q0AAEI	TRUE
49	Morph_Sulf_I_0407020Q0AADNDN	100 Liq Spec	Oral Soln		Morph_Sulf_I_ #N/A	2 0407020Q0AAASAS	TRUE
50	Morph_Sulf_I_0407020Q0AADRDR	24068 Tab	Suppos		Morph_Sulf_I_ #N/A	1 0407020Q0AABVBV	TRUE
51	Morph_Sulf_I_0407020Q0AAE8EB	28760 Cap	Gran Sach	N	Morph_Sulf_I_0407020Q0AA	1 0407020Q0ADD	TRUE
52	Morph_Sulf_I_0407020Q0AAEFEF	796572 Cap	Tab	Y	Morph_Sulf_I_0407020Q0AA	1 0407020Q0AAKAK	TRUE
53	Morph_Sulf_I_0407020Q0AAEGEG	302957 Cap	Gran Sach	N	Morph_Sulf_I_0407020Q0AA	1 0407020Q0ACPCP	FALSE
54	Morph_Sulf_I_0407020Q0AAEHHEH	97063 Cap	Gran Sach	N	Morph_Sulf_I_0407020Q0AA	1 0407020Q0AADCD	FALSE
55	Morph_Sulf_I_0407020Q0AAEI	5934 Cap	Gran Sach	N	Morph_Sulf_I_0407020Q0AA	1 0407020Q0AADEDE	FALSE
56	Morph_Sulf_I_0407020Q0AAFXFX	722 Intrasisite Gel	Gel		Morph_Sulf_I_ #N/A	2 0407020Q0AAFSFS	TRUE
57	Morph_Sulf_I_0407020Q0AAFYFY	680 Intrasisite Gel	Gel		Morph_Sulf_I_ #N/A	2 0407020Q0AAFU FU	TRUE
58	Pethidine HC 0407020V0AAACAC	148040 Tab	Cap	Y	Pethidine HC #N/A	1 0407020V0AABFBF	TRUE
59	Rizatriptan_T0407041R0AAABAB	40888 Tab	Oral Lyophilisate Y		Rizatriptan_C_0407041R0AA	1 0407041R0AAACAC	TRUE
60	Rizatriptan_C_0407041R0AACAC	82836 Oral Lyophilisate	Tab	Y	Rizatriptan_T_0407041R0AA	3 0407041R0AAABAB	TRUE
61	Tolfenamic A 0407041U0AAABAB	8123 Tab	Cap		Tolfenamic A #N/A	1 0407041U0AAAAAA	TRUE
62	Clonidine HC 0407042F0AAAGAG	7300 Liq Spec	Soln		Clonidine HC #N/A	2 0407042F0AAABAB	TRUE
63	Clonidine HC 0407042F0AAATAT	64195 Oral Soln	Liq Spec		Clonidine HC #N/A	2 0407042F0AAAFAF	TRUE
64	Clonidine HC 0407042F0AAAUAU	27448 Oral Susp	Liq Spec		Clonidine HC #N/A	2 0407042F0AAAFAF	TRUE
65	Valproic Acid 040801020AAACAC	53752 Cap E/C	Tab		Valproic Acid #N/A	2 040801020AAAEAE	TRUE
66	Valproic Acid 040801020AAADAD	56 Tab	Tab G/R	Y	Valproic Acid 040203Q0AAAAAA	1 040203Q0AAAAAA	TRUE
67	Topiramate_040801050AAAAAA	1153308 Tab	Cap	Y	Topiramate_040801050AA	1 0408010500AAAWAW	TRUE
68	Topiramate_040801050AAABAB	750071 Tab	Cap	Y	Topiramate_ #N/A	1 0408010500AANAN	TRUE
69	Topiramate_040801050AAACAC	153572 Tab	Cap	Y	Topiramate_ #N/A	1 0408010500ABQBQ	TRUE
70	Topiramate_040801050AAADAD	1685987 Tab	Cap	Y	Topiramate_040801050AA	1 0408010500AAAVAV	TRUE
71	Topiramate_040801050AAAUAU	99431 Cap	Pdrs		Topiramate_ #N/A	1 0408010500AABBBB	TRUE
72	Topiramate_040801050AAAVAV	265231 Cap	Pdrs		Topiramate_ #N/A	1 0408010500AAAI	TRUE
73	Topiramate_040801050AAAWAW	154642 Cap	Pdrs		Topiramate_ #N/A	1 0408010500AAKAK	TRUE
74	Topiramate_040801050AAABXBX	93882 Oral Susp	Liq Spec		Topiramate_ #N/A	2 0408010500AAALAL	TRUE
75	Topiramate_040801050AABYBY	50271 Oral Susp	Liq Spec		Topiramate_ #N/A	2 0408010500AARAR	TRUE
76	Clobazam_Li 040801060AAA1A1	5700 Liq Spec	Oral Soln		Clobazam_O #N/A	2 040801060AACPCP	TRUE
77	Clobazam_Li 040801060AAA2A2	400 Liq Spec	Susp		Clobazam_Si #N/A	2 040801060AAALAL	TRUE
78	Clobazam_Li 040801060AAA3A3	2300 Liq Spec	Susp		Clobazam_Si #N/A	2 040801060AAAPAP	TRUE
79	Clobazam_Li 040801060AAA4A4	6375 Liq Spec	Oral Soln		Clobazam_O #N/A	2 040801060AACMCM	TRUE
80	Clobazam_Li 040801060AABABA	5140 Liq Spec	Susp		Clobazam_Si #N/A	2 040801060AAAKAK	TRUE
81	Clobazam_Ts 040801060AABTBT	919269 Tab	Cap	Y	Clobazam_C_ #N/A	1 0408010600AAAAAA	TRUE
82	Clobazam_Ts 040801060ACKCK	6817 Tab	Cap		Clobazam_C_ #N/A	1 040801060AABVBV	TRUE
83	Zonisamide_0408010ADAAADAD	9150 Oral Soln	Oral Susp	Y	Zonisamide_0408010ADA	2 0408010ADAAEAE	TRUE
84	Zonisamide_0408010ADAAAEEAE	31620 Oral Susp	Oral Soln	Y	Zonisamide_0408010ADA	2 0408010ADAAADAD	TRUE

1	Pregabalin_C_0408010AEAAACAC	3322473 Cap	Pdr Sach	Pregabalin_P #N/A	1 0408010AEAAALAL	TRUE
2	Pregabalin_C_0408010AEAAAHH	10433 Oral Soln	Oral Susp	Pregabalin_C #N/A	2 0408010AEAAAPAP	TRUE
3	Stiripentol_C_0408010AGAAAAAA	2468 Cap	Pdr Sach	Stiripentol_P 0408010AGA/	1 0408010AGAACAC	TRUE
4	Stiripentol_C_0408010AGAAABAB	2356 Cap	Pdr Sach	Stiripentol_P 0408010AGA/	1 0408010AGAAADAD	TRUE
5	Stiripentol_P 0408010GAACAC	7666 Pdr Sach	Cap	Stiripentol_C 0408010AGA/	2 0408010AGAAAAAA	TRUE
6	Stiripentol_P 0408010AGAAADAD	4346 Pdr Sach	Cap	Stiripentol_C 0408010AGA/	2 0408010AGAAABAB	TRUE
7	Carbamazepi_0408010COAAABAB	1761731 Tab	Suppos	Carbamazepi #N/A	1 0408010CO0AAAF	FALSE
8	Carbamazepi_0408010COAAACAC	1713302 Tab	Tab Chble	Carbamazepi 0408010C0AA	1 0408010COAAKAK	FALSE
9	Carbamazepi_0408010COAAJAJ	168 Tab Chble	Suppos	Carbamazepi #N/A	2 0408010CO0AAAF	TRUE
10	Carbamazepi_0408010COAAKAK	56 Tab Chble	Tab	Carbamazepi 0408010C0AA	2 0408010CO0AAACAC	TRUE
11	Clonazepam_0408010FOAAABAB	2959740 Tab	Orodisper Tab	Clonazepam_ #N/A	1 0408010FO0AACZCZ	TRUE
12	Clonazepam_0408010FOABCBC	2991 Liq Spec	Susp	Clonazepam_ #N/A	2 0408010FO0AARAR	TRUE
13	Clonazepam_0408010FOAABDDB	360 Liq Spec	Susp	Clonazepam_ #N/A	2 0408010FO0AAAYAY	TRUE
14	Clonazepam_0408010FO0AABEBE	12975 Liq Spec	Elix	Clonazepam_ #N/A	2 0408010FO0AAAMAM	TRUE
15	Clonazepam_0408010FO0ABMBM	1600 Liq Spec	Syr	Clonazepam_ #N/A	2 0408010FO0AAAHAH	TRUE
16	Clonazepam_0408010FO0ABPBP	50 Liq Spec	Syr	Clonazepam_ #N/A	2 0408010FO0AAADAD	TRUE
17	Clonazepam_0408010FOAACACA	50 Liq Spec	Susp	Clonazepam_ #N/A	2 0408010FO0AAAZAZ	TRUE
18	Clonazepam_0408010FO0ACECE	1800 Liq Spec	Susp	Clonazepam_ #N/A	2 0408010FO0AAAWAW	TRUE
19	Gabapentin_0408010G0AAACAC	2651980 Cap	Pdrs	Gabapentin_ #N/A	1 0408010G00AAAF	TRUE
20	Gabapentin_0408010G0AAAQAQ	37310 Liq Spec	Oral Soln	Gabapentin_ 0408010G0AA	2 0408010G00AAATAT	TRUE
21	Gabapentin_0408010G0AAATAT	2958 Oral Soln	Liq Spec	Gabapentin_ 0408010G0AA	2 0408010G00AAQAQ	TRUE
22	Gabapentin_0408010G0AAAYAY	16685 Liq Spec	Oral Soln	Gabapentin_ #N/A	2 0408010G00ABEBE	TRUE
23	Lamotrigine_0408010H0AAA1A1	1040624 Tab	Tab Disper	N Lamotrigine_ #N/A	1 0408010H0AABQBQ	TRUE
24	Lamotrigine_0408010H0AAAAAA	3511660 Tab	Cap	Y Lamotrigine_ #N/A	1 0408010H0AABFBF	TRUE
25	Lamotrigine_0408010H0AAABAB	2923099 Tab	Suppos	Lamotrigine_ #N/A	1 0408010H0AABABA	TRUE
26	Lamotrigine_0408010H0AAACAC	2239523 Tab	Pdrs	Lamotrigine_ #N/A	1 0408010H0AAUUAU	TRUE
27	Ethosuximide_0408010I0AAAAAA	195062 Cap	Pdrs	Ethosuximide_ #N/A	1 0408010I00AAAGAG	TRUE
28	Ethosuximide_0408010I00AAABAB	398854 Oral Soln	Liq Spec	Ethosuximide_ #N/A	2 0408010I00AAIAI	TRUE
29	Phenobarb_E_0408010N0AACAC	153305 Elix	Liq	Phenobarb_L #N/A	1 0408010N00AAUAU	TRUE
30	Phenobarb_E_10408010N0AAAIAI	105547 Tab	Cap	N Phenobarb_C #N/A	1 0408010N0AACJCJ	FALSE
31	Phenobarb_E_10408010N0AAAJAJ	766038 Tab	Cap	N Phenobarb_C #N/A	1 0408010N0AAARAR	FALSE
32	Phenobarb_E_10408010N0AAALAL	254780 Tab	Cap	N Phenobarb_C #N/A	1 0408010N0AAAVAV	FALSE
33	Phenobarb_E_0408010N0AAASAS	100 Cap	Tab	Phenobarb_L #N/A	1 0408010N00AAAMAM	TRUE
34	Phenobarb_E_0408010N0AACLCL	90934 Liq Spec	Elix	Phenobarb_E #N/A	2 0408010N0ABQBQ	TRUE
35	Phenobarb_E_0408010N0AACPCP	250 Liq Spec	Elix	Phenobarb_E #N/A	2 0408010N0ABBNBN	TRUE
36	Phenobarb_E_0408010N0AACTCT	200 Liq Spec	Elix	Phenobarb_E #N/A	2 0408010N0AAAPAP	TRUE
37	Phenobarb_E_0408010N0AACUCU	650 Liq Spec	Elix	Phenobarb_E #N/A	2 0408010N0AAA8A8	TRUE
38	Phenobarb_E_0408010N0AACWCW	4220 Liq Spec	Elix	Phenobarb_E #N/A	2 0408010N00AA5A5	TRUE
39	Phenobarb_E_0408010N0AACXCX	640 Liq Spec	Elix	Phenobarb_E #N/A	2 0408010N0ABMBM	TRUE
40	Phenobarb_E_0408010N0AACYCY	3300 Liq Spec	Elix	Phenobarb_E #N/A	2 0408010N0AABPBP	TRUE
41	Phenobarb_E_0408010N0AADIDI	1300 Liq Spec	Soln	Phenobarb_S #N/A	2 0408010N0AAERER	TRUE
42	Phenobarb_E_0408010N0AADMDM	7600 Liq Spec	Elix	Phenobarb_E 0408010N0AA	2 0408010N0AACAC	TRUE
43	Phenobarb_S_0408010P0AAAWAW	450 Liq Spec	Soln	Phenobarb_S #N/A	2 0408010P0AAANAN	TRUE
44	Phenobarb_S_0408010P0AAAYAY	600 Liq Spec	Elix	Phenobarb_S #N/A	2 0408010P00AAFF	TRUE
45	Phenytoin_S_0408010Q0AAAAAA	2382831 Sod Cap	Sod Clear Cap	N Phenytoin_Si #N/A	2 0408010Q0AAARAR	FALSE
46	Phenytoin_S_0408010Q00AAADAD	203904 Sod Cap	Suppos	N Phenytoin_Si #N/A	2 0408010Q00AAATAT	FALSE
47	Phenytoin_S_0408010Q00AAAGAG	599189 Sod Tab	Sod Cap	N Phenytoin_Si 0408010Q0AA	2 0408010Q00AAAAAA	FALSE
48	Phenytoin_S_0408010Q0AAAPAP	420576 Sod Cap	Sod Clear Cap	N Phenytoin_Si #N/A	2 0408010Q00AAASAS	FALSE
49	Phenytoin_S_0408010Q00AAAYAY	8062 Sod Oral Soln	Oral Susp	Y Phenytoin_Si 0408010Z0AA	3 0408010Z00AAADAD	TRUE
50	Primidone_O_0408010U0AAACAC	275 Oral Susp	Liq Spec	Primidone_Li #N/A	2 0408010U00AAALAL	TRUE
51	Primidone_T_0408010U0AAAXAC	312602 Tab	Cap	Y Primidone_C #N/A	1 0408010U00AAAF	TRUE
52	Sod Valpr_Ta_0408010W0AAA1A1	542735 Tab	Cap	Y Sod Valpr_Ce 0408010W0A	1 0408010W0AAABRB	TRUE
53	Sod Valpr_Ta_0408010W0AAAAAA	7496679 Oral Soln	Syr	Sod Valpr_Sy #N/A	2 0408010W0AAAXAX	TRUE
54	Sod Valpr_Ta_0408010W00AAABAB	521613 Tab	Cap	Y Sod Valpr_Ce #N/A	1 0408010W0AAANAN	TRUE
55	Sod Valpr_Ta_0408010W00AAACAC	2017294 Tab E/C	Cap	Sod Valpr_Ce #N/A	2 0408010W00AA8A8	TRUE
56	Sod Valpr_Ta_0408010W0AAADAD	1143466 Tab E/C	Cap	Sod Valpr_Ce #N/A	2 0408010W00AAAF	TRUE
57	Sod Valpr_Or_0408010W00AAEEAE	2062098 Oral Soln	Liq Spec	Sod Valpr_Li #N/A	2 0408010W00ABABA	TRUE
58	Sod Valpr_Su_0408010W0AACBC	36 Suppos	Cap	Sod Valpr_Ce #N/A	1 0408010W00AAPAP	TRUE
59	Sod Valpr_Ce_0408010W00ABRBR	242100 Cap	Tab	N Sod Valpr_Ta_0408010W0A	1 0408010W00AA1A1	TRUE
60	Vigabatrin_T_0408010X00AAAAA	56585 Tab	Pdrs	Phenytoin_P #N/A	1 0408010X00AAQAO	TRUE
61	Phenytoin_T_0408010Z00AAACAC	20617 Tab Chble	Sod Cap	N Phenytoin_Si 0408010Q0AA	2 0408010Q00AAPAP	TRUE
62	Phenytoin_O_0408010Z00AAALAL	61970 Oral Susp	Sod Oral Soln	Y Phenytoin_Si 0408010Q0AA	2 0408010Q00AAAYAY	TRUE
63	Midazolam_(0408020V00AAAPAP	5 Oromuc Soln	Liq Spec Oromucosal	Midazolam_I #N/A	2 0408020V00AAAAAA	TRUE
64	Ropinirole_H_0409010H0AAABAB	495985 Tab	Pdr Sach	Ropinirole_Ht #N/A	1 0409010H00AAJAJ	TRUE
65	Co-Beneldop_0409010K0AAAKAK	128365 Cap	Tab	Co-Beneldop #N/A	1 0409010K00AAAGAG	TRUE
66	Co-Careldop_0409010N00AAAKAK	56035 Tab	Cap	Y Co-Careldop: #N/A	1 0409010N00AAALAL	TRUE
67	Co-Careldop_0409010N00AAAUUU	9410 Oral Soln	Oral Susp	Y Co-Careldop: 0409010N0AA	2 0409010N00AAUUAU	TRUE
68	Co-Careldop_0409010N00AAAVAV	16780 Oral Susp	Oral Soln	Y Co-Careldop: 0409010N0AA	2 0409010N00AAAKAK	TRUE
69	Pergolide_Me_0409010P00AAACAC	11650 Oral Susp	Liq Spec	Co-Careldop: #N/A	2 0409010N00AAAMAM	TRUE
70	Entacapone_0409010V00AAAAAA	2222 Tab	Pdrs	Pergolide_Me #N/A	1 0409010P00AAFF	TRUE
71	Trihexypheni_0409020C00AAACAC	358034 Tab	Pdrs	Entacapone_ #N/A	1 0409010V00AAADAD	TRUE
72	Trihexypheni_0409020C00AAAKAK	246548 Oral Soln	Liq Spec	Y Trihexypheni 0409020C0AA	2 0409020C00AAAKAK	TRUE
73	Trihexypheni_0409020C00AAALAL	100 Liq Spec	Oral Soln	Y Trihexypheni 0409020C0AA	2 0409020C00AAACAC	TRUE
74	Trihexypheni_0409020C00AAAGAG	14800 Liq Spec	Oral Soln	Trihexypheni #N/A	2 0409020C00AAAMAM	TRUE
75	Tetraabenazin_0409030C00AAAGAG	450 Liq Spec	Susp	Tetraabenazin #N/A	2 0409030C00AAABAB	TRUE
76	Tetraabenazin_0409030C00AAARAR	13880 Oral Susp	Liq Spec	Tetraabenazin #N/A	2 0409030C00AAAF	TRUE
77	Tetraabenazin_0409030C00AAASAS	8570 Oral Susp	Liq Spec	Tetraabenazin #N/A	2 0409030C00AAIAI	TRUE
78	Riluzole_Tab_0409030R00AAAAAA	85791 Tab	Pdrs	Riluzole_Pdr: #N/A	1 0409030R00AAABAB	TRUE
79	Nicotine_Inh_0410020B00AAAVAV	210 Inhalator + Inh C: Skin Patch		Nicotine_Ski #N/A	4 0410020B00AAALAL	TRUE
80	Nicotine_Sut_0410020B00AAAWAW	21405 Subling Tab	Chewing Gum N	Nicotine_Ch_0410020B0AA	2 0410020B00ABABA	TRUE
81	Nicotine_Loz_0410020B00AAAYAY	83855 Loz	Chewing Gum N	Nicotine_Ch_0410020B0AA	1 0410020B00ABABA	TRUE
82	Nicotine_Loz_0410020B00AAAZAZ	43376 Loz	Chewing Gum Y	Nicotine_Ch_0410020B0AA	2 0410020B00ABDBD	TRUE
83	Nicotine_Ch_0410020B00AAABABA	127516 Chewing Gum	Loz N	Nicotine_Loz_0410020B0AA	2 0410020B00AAAYAY	TRUE
84	Nicotine_Ch_0410020B00ABDBD	104976 Chewing Gum	Loz N	Nicotine_Loz_0410020B0AA	2 0410020B00AAAZAZ	TRUE

1	Nicotine_Inh_0410020B0AABZBZ	214504 Inhalator + Inh C Skin Patch	Nicotine_Ski	#/A	4	0410020B0AAAMAM	TRUE	
2	Naltrexone_H_0410030E0AAATAT	850 Oral Susp	Oral Soln	#/A	2	0410030E0AAARAR	TRUE	
3	Donepezil_HC_0411000D0AAAAAA	861611 Tab	Orodisper Tab Y	Donepezil_HC_0411000D0AA	1	0411000D0AAAHHH	TRUE	
4	Donepezil_HC_0411000D0AAABAB	2443665 Tab	Orodisper Tab Y	Donepezil_HC_0411000D0AA	1	0411000D0AAAIAI	TRUE	
5	Donepezil_HC_0411000D0AAAHHH	2367 Orodisper Tab	Tab Y	Donepezil_HC_0411000D0AA	2	0411000D0AAAAAA	TRUE	
6	Donepezil_HC_0411000D0AAAIAI	5888 Orodisper Tab	Tab Y	Donepezil_HC_0411000D0AA	2	0411000D0AAABAB	TRUE	
7	Phenoxymetl_0501011P0AAADAD	2676700 Soln	Susp	Phenoxymetl	#/A	1	0501011P0AAAHAH	TRUE
8	Phenoxymetl_0501011P0AAAFAF	2430800 Soln	Susp	Phenoxymetl	#/A	1	0501011P0AAAQAOQ	TRUE
9	Fluclox_Sod_I_0501012G0AAAFAF	3104600 Oral Soln	Oral Susp	Fluclox_Sod_I	#/A	2	0501012G0AAAHHH	TRUE
10	Fluclox_Sod_I_0501012G0AAPAP	3311000 Oral Soln	Mix	Fluclox_Sod_I	#/A	2	0501012G0AAALAL	TRUE
11	Amoxicillin_C_0501013B0AAAAAA	637176 Cap	Tab	Amoxicillin_1	#/A	1	0501013B0AAA4A4	TRUE
12	Amoxicillin_C_0501013B0AAABAB	8293873 Cap	Tab	Amoxicillin_1	#/A	1	0501013B0AAA5AS	TRUE
13	Ceftazidime_I_0501021H0AACAC	91 Inj	Inf	Ceftazidime_I	#/A	1	0501021H0AAAEAE	TRUE
14	Cefuroxime_A_0501021K0AAAAAA	1043 Tab	Gran Sach	Cefuroxime_A	#/A	1	0501021K0AAADAD	TRUE
15	Cefalexin_Ca_0501021L0AAAAAA	671557 Cap	Tab Y	Cefalexin_Ta	0501021L0OAA	1	0501021L0AAAGAG	TRUE
16	Cefalexin_Ca_0501021L0AAABAB	549602 Cap	Tab Y	Cefalexin_Ta	0501021L0OAA	1	0501021L0AAAHHH	TRUE
17	Cefalexin_Ta_0501021L0AAAGAG	178355 Tab	Cap Y	Cefalexin_Ca	0501021L0OAA	1	0501021L0AAAAAA	TRUE
18	Cefalexin_Ta_0501021L0AAAHHH	87732 Tab	Cap Y	Cefalexin_Ca	0501021L0OAA	1	0501021L0AAABAB	TRUE
19	Demeclocycl_0501030F0AAAAAA	28396 Cap	Tab Y	Demeclocycl	0501030FOAA	1	0501030F0AAAIAI	TRUE
20	Demeclocycl_0501030F0AAAIAI	1629 Tab	Cap Y	Demeclocycl	0501030FOAA	1	0501030F0AAAAAA	TRUE
21	Doxycycline_I_0501030I0AAABAB	2629847 Cap	Pdrs	Doxycycline_I	#/A	1	0501030I0AAAFAF	TRUE
22	Doxycycline_I_0501030I0AAAHHH	200 Liq Spec	Syr	Doxycycline_I	#/A	2	0501030I0AAACAC	TRUE
23	Minocycline_I_0501030P0AAAAAA	18168 Tab	Cap Y	Minocycline	0501030POAA	1	0501030P0AAADAD	TRUE
24	Minocycline_I_0501030P0AAABAB	33187 Tab	Cap Y	Minocycline	0501030POAA	1	0501030P0AAAEEAE	TRUE
25	Minocycline_I_0501030P0AAAADAD	7760 Cap	Tab Y	Minocycline	0501030POAA	1	0501030P0AAAAAA	TRUE
26	Minocycline_I_0501030P0AAAEAE	27712 Cap	Tab Y	Minocycline	0501030POAA	1	0501030P0AAABAB	TRUE
27	Oxytetracycli_0501030T0AAAIAJ	4236745 Tab	Cap Y	Oxytetracycli	#/A	1	0501030T0AAAAAA	TRUE
28	Tetracycline_0501030V0AAAAAA	84 Cap	Tab Y	Tetracycline_	0501030VOAA	1	0501030V0AAAFAF	TRUE
29	Tetracycline_0501030V0AAAFAF	231038 Tab	Cap Y	Tetracycline_	0501030VOAA	1	0501030V0AAAAAA	TRUE
30	Azithromycin_0501050A0AAAAAA	114584 Cap	Tab Y	Azithromycin	0501050A0AA	1	0501050A0AAAGAG	TRUE
31	Azithromycin_0501050A0AAAGAG	430104 Tab	Cap Y	Azithromycin	0501050A0AA	1	0501050A0AAAAAA	TRUE
32	Clarithromy_0501050B0AAAAAA	489006 Tab	Gran Straw	Clarithromyc	#/A	1	0501050B0AAAMAM	TRUE
33	Clarithromy_0501050B0AAAFAF	930 Pdr Sach	Gran Straw	Clarithromyc	#/A	2	0501050B0AAAMAM	TRUE
34	Erythromycir_0501050C0AAABAB	3386647 Tab E/C	Cap Y	Erythromycir	#/A	2	0501050C0AAAFAF	TRUE
35	Erythromycir_0501050C0AAAKAK	83574 Cap E/C	Cap	Erythromycir	#/A	2	0501050C0AAAFAF	TRUE
36	Erythromycir_0501050H0AAAAAA	536200 Ethylsuc Susp	Mix	Erythromycir	#/A	2	0501050C0AAAIAI	TRUE
37	Erythromycir_0501050H0AAABAB	777400 Ethylsuc Susp	Mix	Erythromycir	#/A	2	0501050C0AAAIAJ	TRUE
38	Erythromycir_0501050H0AAAEAE	33025 Ethylsuc Tab	Cap	Erythromycir	#/A	2	0501050C0AAADAD	TRUE
39	Erythromycir_0501050H0AAAMAM	1236100 Ethylsuc Susp	Esuc Ctd Susp	Erythromycir	#/A	2	0501050H0AAAPAP	TRUE
40	Clindamycin_0501060D0AAANAN	4742 Oral Susp	Oral Soln	Clindamycin	#/A	2	0501060D0AAAEAE	TRUE
41	Fusidic Acid_0501070M0AAAAAA	6300 Mix	Liq Spec	Fusidic Acid_	#/A	1	0501070M0AAABAB	TRUE
42	Sod Fusidate_0501070N0AAADAD	21200 Tab	Cap	Sod Fusidate	#/A	1	0501070N0AAAAAA	TRUE
43	Sulfapyridine_0501080V0AAADAD	448 Cap	Tab	Sulfapyridine	#/A	1	0501080V0AAACAC	TRUE
44	Ethambutol_I_0501090H0AAAАЗ	224 Liq Spec	Syr	Ethambutol_I	#/A	2	0501090H0AAANAN	TRUE
45	Ethambutol_I_0501090H0ABCBC	250 Liq Spec	Syr	Ethambutol_I	#/A	2	0501090H0AAAIAJ	TRUE
46	Isoniazid_Ta_0501090K0AAAIAI	52572 Tab	Cap	Isoniazid_Caj	#/A	1	0501090K0AACCH	TRUE
47	Isoniazid_Ori_0501090K0AACUCU	5500 Oral Soln	Oral Susp	Isoniazid_Ori	#/A	2	0501090K0AABIBI	TRUE
48	Pyrazinamide_0501090N0AAAAAA	1178 Tab	Cap	Pyrazinamide	#/A	1	0501090N0AABYBY	TRUE
49	Pyrazinamide_0501090N0ABB BBB	1200 Liq Spec	Susp	Pyrazinamide	#/A	2	0501090N0AAAGAG	TRUE
50	Rifampicin_C_0501090R0AAABAB	19785 Cap	Tab	Rifampicin_T	#/A	1	0501090R0AAAHHH	TRUE
51	Rifampicin_C_0501090R0AAABAB	69026 Cap	Tab	Rifampicin_T	#/A	1	0501090R0AAAIAI	TRUE
52	Rifampicin_C_0501090R0AAAFAF	46586 Oral Susp	Liq Spec	Rifampicin_L	#/A	2	0501090R0AAALAL	TRUE
53	Dapsone_Ta_0501100H0AAAHHH	20104 Tab	Cap	Dapsone_Caj	#/A	1	0501100H0AAAAAA	TRUE
54	Metronidazo_0501110C0AAAEAE	200558 Oral Susp	Liq Spec	Metronidazo	#/A	2	0501110C0AABQBQ	TRUE
55	Metronidazo_0501110C0AAAGAG	863 Suppos	Tab N	Metronidazo	0501110C0AA	1	0501110C0AACBJJ	TRUE
56	Metronidazo_0501110C0AAAIAI	67716 Tab	Suppos N	Metronidazo	#/A	1	0501110C0AACBHB	TRUE
57	Metronidazo_0501110C0AAABHBH	10848 Tab	Suppos N	Metronidazo	0501110C0AA	1	0501110C0AAAGAG	TRUE
58	Ciprofloxacin_0501120L0AAAFAF	71684 Tab	Pdrs	Ciprofloxacin	#/A	1	0501120L0AAABABA	TRUE
59	Ciprofloxacin_0501120L0AAAGAG	6639 Tab	Cap	Ciprofloxacin	#/A	1	0501120L0AAAАЗ	TRUE
60	Ciprofloxacin_0501120L0ABGBG	198100 Gran For Susp	Liq Spec	Ciprofloxacin	#/A	3	0501120L0AAASAS	TRUE
61	Nitrofurantoi_0501130R0AAAAAA	1815067 Cap	Pdrs	Nitrofurantoi	#/A	1	0501130R0AACCLCL	TRUE
62	Nitrofurantoi_0501130R0AAABAB	339689 Cap	Tab Y	Nitrofurantoi	0501130R0AA	1	0501130R0AAAEAE	TRUE
63	Nitrofurantoi_0501130R0AAADAD	1404408 Tab	Cap Y	Nitrofurantoi	0501130R0AA	1	0501130R0AAAAAA	TRUE
64	Nitrofurantoi_0501130R0AAAEAE	475730 Tab	Cap Y	Nitrofurantoi	0501130R0AA	1	0501130R0AAABAB	TRUE
65	Amphotericir_0502030A0AAAAAA	28 Inf(Sod Desoxych) Inf (In Liposom N	Amphotericir	#/A	2	0502030A0AAAIAI	FALSE	
66	Nystatin_Ora_0502030B0AAABAB	898320 Oral Susp	Ear Dps	Nystatin_Ear	#/A	2	1201010K0AAAAAA	TRUE
67	Nystatin_Ora_0502030B0AAAXAX	541 Oral Susp	Gran For Susp	Nystatin_Gra	#/A	2	0502030B0AAAFAF	TRUE
68	Griseofulvin_0502050B0AACUCU	15068 Oral Susp	Liq Spec	Griseofulvin_	#/A	2	0502050B0AAAFAF	TRUE
69	Terbinafine_I_0502050C0AAAAAA	1796889 Tab	Suppos	Terbinafine_I	#/A	1	0502050C0AAACAC	TRUE
70	Terbinafine_I_0502050C0AAAEAE	1445 Oral Soln	Oral Susp Y	Terbinafine_I	0502050C0AA	2	0502050C0AAAFAF	TRUE
71	Terbinafine_I_0502050C0AAAFAF	3310 Oral Susp	Oral Soln Y	Terbinafine_I	0502050C0AA	2	0502050C0AAAEAE	TRUE
72	Ritonavir_Ta_0503010U0AACACAC	88 Tab	Cap	Ritonavir_Ca	#/A	1	0503010U0AAAAAA	TRUE
73	Aciclovir_Tat_0503021C0AAABAB	735144 Tab	Tab Disper N	Aciclovir_Tat	0503021C0AA	1	0503021C0AAAGAG	TRUE
74	Aciclovir_Tat_0503021C0AAACAC	1587395 Tab	Tab Disper Y	Aciclovir_Tat	0503021C0AA	1	0503021C0AAAHHH	TRUE
75	Aciclovir_Tat_0503021C0AAADAD	668078 Tab	Tab Disper N	Aciclovir_Tat	0503021C0AA	1	0503021C0AAAEAE	TRUE
76	Aciclovir_Tat_0503021C0AAAEAE	58953 Tab Disper	Tab Y	Aciclovir_Tat	0503021C0AA	2	0503021C0AAADAD	TRUE
77	Aciclovir_Tat_0503021C0AAAGAG	152190 Tab Disper	Tab N	Aciclovir_Tat	0503021C0AA	2	0503021C0AAABAB	TRUE
78	Aciclovir_Tat_0503021C0AAAHHH	115382 Tab Disper	Tab N	Aciclovir_Tat	0503021C0AA	2	0503021C0AAACAC	TRUE
79	Ribavirin_Caj_0503050B0AAABAB	84 Cap	Tab	Ribavirin_Tat	#/A	1	0503050B0AAAEAE	TRUE
80	Progualil HC_0504010M0AAAAAA	1391 Tab	Pdrs	Progualil HC	#/A	1	0504010M0AAABAB	TRUE
81	Quinine_Bisul_0504010T0AAAEAE	1430906 Tab	Cap Y	Quinine Bisul	#/A	1	0504010T0AAAAAA	TRUE
82	Quinine_Sulf_0504010Y0AAAFAF	3619414 Tab	Cap Y	Quinine Sulf	#/A	1	0504010Y0AAAIAJ	TRUE
83	Quinine_Sulf_0504010Y0AAAHHH	3742364 Tab	Cap Y	Quinine Sulf	#/A	1	0504010Y0AAAAAA	TRUE
84	Quinine_Sulf_0504010Y0ABCBC	2700 Oral Susp	Liq Spec	Quinine Sulf	#/A	2	0504010Y0AAAXAX	TRUE

1	Mepacrine H 0504040M0AAAAAA	7318 Tab	Cap	Mepacrine H	#N/A	1 0504040M0AAAEEAE	TRUE
2	Albendazole_0505030A0AAABAB	37 Tab Chble	Tab	Albendazole_	0505030A0AA	2 0505030A0AAADAD	TRUE
3	Albendazole_0505030A0AAADAD	80 Tab	Tab Chble	Albendazole_	0505030A0AA	1 0505030A0AAABAB	TRUE
4	Ins Solb_Inj ( 0601011N0AAAAAA	14 Inj (Bov)	Inj (Hum Emp)	Ins Solb_Inj (	#N/A	2 0601011N0AAABAB	TRUE
5	Ins Solb_Inj ( 0601011N0AACAC	5 Inj (Pore)	Inj (Bov)	Ins Solb_Inj (	0601011N0AA	2 0601011N0AAAAAA	TRUE
6	Ins Solb_Inj ( 0601011N0AAAPAP	25 Inj (Hum Prb)	Inj (Bov)	Ins Solb_Inj (	#N/A	3 0601011N0AAAYAY	TRUE
7	Ins Isop_Inj ( 0601012S0AAASAS	15 Inj (Bov)	Inj (Pore)	Ins Isop_Inj (	0601012S0AA	2 0601012S0AAATAT	TRUE
8	Ins Isop_Inj ( 0601012S0AAATAT	196 Inj (Pore)	Inj (Bov)	Ins Isop_Inj (	0601012S0AA	2 0601012S0AAASAS	TRUE
9	Gliclazide_Or 0601021M0AAASAS	15790 Oral Susp	Liq Spec	Gliclazide_Lit	#N/A	2 0601021M0AAAEEAE	TRUE
10	Gliclazide_Or 0601021M0AAASAS	7100 Oral Susp	Liq Spec	Gliclazide_Lit	#N/A	2 0601021M0AAAADAD	TRUE
11	Metformin H 0601022B0AAABAB	10995332 Tab	Pdrs	Metformin H	#N/A	1 0601022B0AAAPAP	TRUE
12	Metformin H 0601022B0AAADAD	9679233 Tab	Cap	Metformin H	#N/A	1 0601022B0AAQAQ	TRUE
13	Metformin H 0601022B0AAAI	20730 Liq Spec	Susp	Metformin H	#N/A	2 0601022B0AAEAE	TRUE
14	Metformin H 0601022B0AAAJ	1000 Liq Spec	Susp	Metformin H	#N/A	2 0601022B0AAAGAG	TRUE
15	Diazoxide_Tz 0601040E0AAAAAA	13449 Tab	Cap	Diazoxide_Ct	#N/A	1 0601040E0AAAF	TRUE
16	Diazoxide_Oi 0601040E0AAAMAM	392 Oral Soln	Oral Susp	Diazoxide_Oi	0601040E0AA	2 0601040E0AABIBI	TRUE
17	Diazoxide_Oi 0601040E0AABHBH	2500 Oral Susp	Oral Soln	Diazoxide_Oi	#N/A	2 0601040E0AAAYAY	TRUE
18	Diazoxide_Oi 0601040E0AABIBI	3980 Oral Susp	Oral Soln	Diazoxide_Oi	0601040E0AA	2 0601040E0AAAMAM	TRUE
19	Glucagon_Inj 0601040H0AAAEAE	4008 Inj (rys)	Inj	Glucagon_Inj	#N/A	2 0601040H0AAAAAA	TRUE
20	Liothyronine 060201M0AAAAAA	288049 Tab	Cap	Liothyronine	#N/A	1 060201M0AAAARAR	TRUE
21	Liothyronine 060201M0AAAADAD	1824 Tab	Cap	Liothyronine	060201M0A/	1 060201M0AAAEEAE	TRUE
22	Liothyronine 060201M0AAAEAE	44606 Cap	Pdrs	Liothyronine	#N/A	1 060201M0AAAGAG	TRUE
23	Liothyronine 060201M0AAAAUAU	242 Cap	Tab	Liothyronine	#N/A	1 060201M0AAAQAQ	TRUE
24	Levothyrox S 060201V0AAAFAF	2667 Cap	Pdrs	Levothyrox S	#N/A	1 060201V0AABPBP	TRUE
25	Levothyrox S 060201V0AAAGAG	2845 Cap	Pdr Sach	Levothyrox S	#N/A	1 060201V0AAAWAW	TRUE
26	Levothyrox S 060201V0AABWBW	32271340 Tab	Cap	Levothyrox S	060201V0AA	1 060201V0AAAGAG	TRUE
27	Levothyrox S 060201V0AABXBX	31584502 Tab	Cap	Levothyrox S	060201V0AA	1 060201V0AAAF	TRUE
28	Levothyrox S 060201V0AABZBZ	34839926 Tab	Cap	Levothyrox S	060201V0AA	1 060201V0AACMCM	TRUE
29	Levothyrox S 060201V0AACICJ	30 Cap	Pdrs	Levothyrox S	060201V0AA	1 060201V0AADNDN	TRUE
30	Levothyrox S 060201V0AACMCM	2282 Cap	Pdrs	Levothyrox S	060201V0AA	1 060201V0AACQCQ	TRUE
31	Levothyrox S 060201V0AACQCC	30 Pdrs	Cap	Levothyrox S	060201V0AA	1 060201V0AACMCM	TRUE
32	Levothyrox S 060201V0AACWCW	3650 Liq Spec	Susp	Levothyrox S	#N/A	2 060201V0AAAKAK	TRUE
33	Levothyrox S 060201V0AACXCX	6510 Liq Spec	Susp	Levothyrox S	#N/A	2 060201V0AAAQAQ	TRUE
34	Levothyrox S 060201V0AACYCY	5850 Liq Spec	Susp	Levothyrox S	#N/A	2 060201V0AAALAL	TRUE
35	Levothyrox S 060201V0AACZCZ	2200 Liq Spec	Susp	Levothyrox S	#N/A	2 060201V0AAA8A8	TRUE
36	Levothyrox S 060201V0AACDCD	140 Liq Spec	Susp	Levothyrox S	#N/A	2 060201V0AABABA	TRUE
37	Levothyrox S 060201V0AADNDN	118 Pdrs	Cap	Levothyrox S	060201V0AA	1 060201V0AACICJ	TRUE
38	Carbimazole_060202D0AAAAAA	1878473 Tab	Cap	Carbimazole_	#N/A	1 060202D0AACAC	TRUE
39	Carbimazole_060202D0AAABAB	429142 Tab	Cap	Carbimazole_	#N/A	1 060202D0AAANAN	TRUE
40	Carbimazole_060202D0AAAWAW	6020 Oral Susp	Oral Soln	Carbimazole_	#N/A	2 060202D0AAAGAG	TRUE
41	Fludrocort A 0603010IAAA8A8	501 Liq Spec	Susp	Fludrocort A	#N/A	1 0603010IAAAAMAM	TRUE
42	Fludrocort A 0603010IAAACAC	1293900 Tab	Cap	Fludrocort A	#N/A	1 0603010IAAAIAI	TRUE
43	Fludrocort A 0603010IAABYBY	6830 Oral Susp	Liq Spec	Fludrocort A	#N/A	2 0603010IAAAZAZ	TRUE
44	Fludrocort A 0603010IAABZBZ	5410 Oral Susp	Liq Spec	Fludrocort A	#N/A	2 0603010IAAA1A1	TRUE
45	Cortisone Ac 0603020F0AAAHAAH	1482 Tab	Cap	Cortisone Ac	#N/A	1 0603020F0AAARAR	TRUE
46	Dexameth_Li 0603020G0AAA6A6	780 Liq Spec	Mix	Dexameth_N	#N/A	2 0603020G0AAASAS	TRUE
47	Dexameth_Li 0603020G0AAA7A7	360 Liq Spec	Oral Soln	Dexameth_C	#N/A	2 0603020G0AAWAW	TRUE
48	Dexameth_T 0603020G0AAABAB	189462 Tab	Pdrs	Dexameth_P	#N/A	1 0603020G0AAAZAZ	TRUE
49	Hydrocort_T: 0603020J0AAADAD	2076212 Tab	Cap	Hydrocort_C	#N/A	1 0603020J0AACHCH	TRUE
50	Hydrocort_Li 0603020J0AAAJAJ	1300 Liq Spec	Oral Susp	Hydrocort_O	0603020J0AA	2 0603020J0AAAXAX	TRUE
51	Hydrocort_O 0603020J0AAAKAK	13430 Oral Susp	Liq Spec	Hydrocort_Li	#N/A	2 0603020J0AAAF	TRUE
52	Hydrocort_O 0603020J0AAAXAX	74384 Oral Susp	Liq Spec	Hydrocort_Li	0603020J0AA	2 0603020J0AAAJAJ	TRUE
53	Hydrocort_Li 0603020J0AABLBL	400 Liq Spec	Oral Susp	Hydrocort_O	#N/A	2 0603020J0AA4A4	TRUE
54	Prednisolone 0603020T0AAAAAA	7752541 Tab	Cap	Prednisolone	#N/A	1 0603020T0AAAVAV	TRUE
55	Prednisolone 0603020T0AAABAB	203103 Tab	Suppos	Prednisolone	#N/A	1 0105020F0AAAF	TRUE
56	Prednisolone 0603020T0AAACAC	17168871 Tab	Suppos	Prednisolone	#N/A	1 0105020F0AACAC	TRUE
57	Prednisolone 0603020T0AAAF	1174244 Tab E/C	Suppos	Prednisolone	#N/A	2 0105020F0AAAF	TRUE
58	Prednisolone 0603020T0AAAGAG	2262993 Tab E/C	Suppos	Prednisolone	#N/A	2 0105020F0AACAC	TRUE
59	Prednisolone 0603020T0AAATAT	7860 Tab E/C	Cap	Prednisolone	#N/A	2 0603020T0AAAVAV	TRUE
60	Prednisolone 0603020T0AAAYAY	700 Liq Spec	Susp	Prednisolone	#N/A	2 0603020T0AAAMAM	TRUE
61	Prednisolone 0603020T0AAAZAZ	50 Liq Spec	Susp	Prednisolone	#N/A	2 0603020T0AAALAL	TRUE
62	Prednisolone 0603020T0AABHBH	591341 Tab Solb	Suppos	Prednisolone	#N/A	2 0105020F0AACAC	TRUE
63	Prednisolone 0603020T0AAABIBI	150 Liq Spec	Susp	Prednisolone	#N/A	2 0603020T0AAASAS	TRUE
64	Ethinylestr_T 0604011D0AAALAL	7302 Tab	Cap	Ethinylestr_C	#N/A	1 0604011D0AAAWAW	TRUE
65	Estradiol_Tat 0604011G0AAAI	341156 Tab	Pess	Estradiol_Pe:	#N/A	1 0702010G0AAADAD	TRUE
66	Estradiol_Tat 0604011G0AABDBD	450796 Tab	Val Tab	Estradiol_Val	0604011K0AA	1 0604011K0AAAAAA	TRUE
67	Estradiol_Val 0604011K0AA	195014 Val Tab	Tab	Estradiol_Val	0604011G0AABDBD	2 0604011G0AA	TRUE
68	Estradiol_Val 0604011K0AAABAB	203571 Val Tab	Pess	Estradiol_Pe:	#N/A	2 0702010G0AAADAD	TRUE
69	Progesteron 0604012S0AAAEAE	8837 Pess	Cap	Progesteron	#N/A	1 0604012S0AAUAU	TRUE
70	Progesteron 0604012S0AAANAN	483 Pess	Implant	Progesteron	#N/A	1 0604012S0AAAAAA	TRUE
71	Progesteron 0604012S0AABZBZ	1461 Vag Cap	Cap	Progesteron	#N/A	2 0604012S0AABWBW	TRUE
72	Finasteride_10604020C0AAAAAA	8227991 Tab	Pdr Sach	Finasteride_I	#N/A	1 0604020C0AAADAD	TRUE
73	Testosterone 0604020K0AABHBH	304031 Gel Sach	Gel	Testosterone	0604020K0AA	2 0604020K0AABKBK	TRUE
74	Testosterone 0604020K0AABKBK	20253 Gel	Gel Sach	Testosterone	0604020K0AA	1 0604020K0AABHBH	TRUE
75	Testosterone 0604020K0AABMBM	225000 Gel	Crm	Testosterone	#N/A	1 0604020K0AAAGAG	TRUE
76	Testosterone 0604020P0AAAKAK	50 Crm	Oint	Testosterone	#N/A	1 0604020P0AAJAJ	TRUE
77	Prasterone_0604030Q0AAAAAA	290 Cap	Tab	Prasterone_1	#N/A	1 0604030Q0AAAI	TRUE
78	Desmopressi 0605020E0AAALAL	112 Cap	Pdrs	Desmopressi	#N/A	1 0605020E0AAATAT	TRUE
79	Estradiol_Pe: 0702010G0AAAGAG	757836 Pess	Val Tab	Estradiol_Val	#N/A	1 0604011K0AAACAC	TRUE
80	Clotrimazole_0702020F0AAACAC	20 Vag Crm	Crm	Clotrimazole	0702020FOAA	2 0702020F0AAJAJ	TRUE
81	Clotrimazole_0702020FOAAAJAJ	549620 Crm	Vag Crm	Clotrimazole	0702020FOAA	1 0702020F0AACAC	TRUE
82	Econazole Ni 0702020H0AAAAAA	7035 Crm	Lot	Econazole Ni	#N/A	1 1310020J0AAABAB	TRUE
83	Econazole Ni 0702020H0AAAEAE	125 Pess L/A	Pess	Econazole Ni	#N/A	2 0702020H0AAABAB	TRUE
84	Fenticonazol 0702020I0AAADAD	9 Vag Cap	Pess	Fenticonazol	#N/A	2 0702020I0AAABAB	TRUE

1	Fenticonazol_070202010AAAAEAE	114 Vag Cap	Pess	Fenticonazol	#N/A	2	070202010AAAAAA	TRUE
2	Nystatin_Pes 0702020T0AAAFAF	71 Pess	Pess Eff	Nystatin_Pes	#N/A	1	0702020T0AAAAAA	TRUE
3	Metronidazo 0702020X0AAAAAA	123520 Vag Gel	Crm	Metronidazo	1310012K0AA	2	1310012K0AAAXAX	TRUE
4	Boric Acid_Pi 0702020Y0AAAAAA	60 Pess	Suppos	Boric Acid_Si	#N/A	1	0107010H0AAAAAA	TRUE
5	Nonoxinol_9_0703030G0AAAIAI	9474 Gel	Crm	Nonoxinol_9_	#N/A	1	0703030G0AAAABAB	TRUE
6	Tamsulosin_f 0704010U0AAAAAA	16530270 Cap	Tab	Tamsulosin_f	0704010U0AA	1	0704010U0AAAABAB	TRUE
7	Tamsulosin_f 0704010U0AAAABAB	527693 Tab	Cap	Tamsulosin_f	0704010U0AA	1	0704010U0AAAAAA	TRUE
8	Solifenacin_10704020ABAACAC	3737219 Tab	Pdr Sach	Solifenacin_f	#N/A	1	0704020ABAACAC	TRUE
9	Oxybutynin_f 0704020J0AAAACAC	2487099 Tab	Suppos	Oxybutynin_f	#N/A	1	0704020J0AAAQAQ	TRUE
10	Oxybutynin_f 0704020J0AAAIAI	44236 Oral Soln	Liq Spec	Oxybutynin_f	0704020J0AA	2	0704020J0AAAKAK	TRUE
11	Oxybutynin_f 0704020J0AAAAK	74960 Liq Spec	Oral Soln	Oxybutynin_f	0704020J0AA	2	0704020J0AAAIAI	TRUE
12	Oxybutynin_f 0704020J0AAAMAM	2500 Liq Spec	Oral Soln	Oxybutynin_f	#N/A	2	0704020J0AAAWAW	TRUE
13	Tolterodine_0704020N0AAAABAB	2123895 Tab	Pdr Sach	Tolterodine_	#N/A	1	0704020N0AAAFAF	TRUE
14	Tolterodine_0704020N0AAAIAJ	11680 Oral Susp	Oral Soln	Tolterodine_	#N/A	2	0704020N0AAAEE	TRUE
15	Pot_Cit_Cap € 0704030G0AAAAPAP	1460 Cap	Pdrs	Pot_Cit_Pdrs	#N/A	1	0704030G0AAAUAU	TRUE
16	Sod_Cit_Pdr \$ 0704030J0AAAHAH	774 Pdr Sach	Gran Sach	Sod_Cit_Gran	0704030J0AAA	2	0704030J0AAAIAI	TRUE
17	Sod_Cit_Gran 0704030J0AAAIAI	676 Gran Sach	Pdr Sach	Sod_Cit_Pdr	0704030J0AAA	2	0704030J0AAAHAH	TRUE
18	Alprostadi_l_C 0704050B0AAAVAL	454 Cont Pack Inj	S/Pack Inj	Alprostadi_l_S	0704050B0AA	3	0704050B0AAABLBL	TRUE
19	Alprostadi_l_C 0704050B0AAAVAL	227 Cont Pack Inj	S/Pack Inj	Alprostadi_l_S	0704050B0AA	3	0704050B0AAABMBM	TRUE
20	Alprostadi_l_L 0704050B0AAAАЗАЗ	609 Urethral Stick	Urethral Suppos	Alprostadi_l_L	#N/A	2	0704050B0AAASAS	TRUE
21	Alprostadi_l_C 0704050B0AAFBFB	514 Cont Pack Inj	S/Pack Inj	Alprostadi_l_S	0704050B0AA	3	0704050B0AABNBN	TRUE
22	Alprostadi_l_S 0704050B0AABLBL	12 S/Pack Inj	Cont Pack Inj	Alprostadi_l_C	0704050B0AA	2	0704050B0AAAVAV	TRUE
23	Alprostadi_l_S 0704050B0AABMBM	13 S/Pack Inj	Cont Pack Inj	Alprostadi_l_C	0704050B0AA	2	0704050B0AAWAW	TRUE
24	Alprostadi_l_S 0704050B0AAAÑBNB	7 S/Pack Inj	Cont Pack Inj	Alprostadi_l_C	0704050B0AA	2	0704050B0AAFBFB	TRUE
25	Yohimbine_H 0704050Y0AAAAMAM	16 Tab	Cap	Yohimbine_H	#N/A	1	0704050Y0AAACAC	TRUE
26	Sildenafil_Tai 0704050Z0AAABAB	111337 Tab	Pess	Sildenafil_Pe	#N/A	1	0604012V0AAAAAA	TRUE
27	Sildenafil_Or 0704050Z0AAAFAF	1100 Oral Soln	Oral Susp	Sildenafil_Or	0704050Z0AA	2	0704050Z0AAALAL	TRUE
28	Sildenafil_Or 0704050Z0AAAGAG	537 Oral Soln	Oral Susp	Sildenafil_Or	0704050Z0AA	2	0704050Z0AAAAKAK	TRUE
29	Sildenafil_Or 0704050Z0AAAКАK	7532 Oral Susp	Oral Soln	Sildenafil_Or	0704050Z0AA	2	0704050Z0AAAGAG	TRUE
30	Sildenafil_Or 0704050Z0AAAALAL	2150 Oral Susp	Oral Soln	Sildenafil_Or	0704050Z0AA	2	0704050Z0AAAFAF	TRUE
31	Calc.Folinate_0801000I0AAAHAH	8986 Tab	Cap	Calc.Folinate	#N/A	1	0801000I0AAAUAU	TRUE
32	Calc.Folinate_0801000I0AAAHAH	300 Liq Spec	Mthwsh	Calc.Folinate	#N/A	2	0801000I0AAAVAV	TRUE
33	Mercaptopur_0801030L0AAABAB	3346 Tab	Cap	Mercaptopur	0801030LOAA	1	0801030L0AAAGAG	TRUE
34	Mercaptopur_0801030L0AAAGAG	3526 Cap	Tab	Mercaptopur	0801030LOAA	1	0801030L0AAABAB	TRUE
35	Mercaptopur_0801030L0AAALAL	28 Cap	Tab	Mercaptopur	#N/A	1	0801030L0AAAJAJ	TRUE
36	Imatinib_Mes 0801050A0AAACAC	156 Tab	Cap	Imatinib_Mes	#N/A	1	0801050A0AAACAC	TRUE
37	Hydroxycarb_0801050P0AAABAB	4900 Oral Soln	Oral Susp	Hydroxycarb_0801050P0AA	#N/A	2	0801050P0AAADAD	TRUE
38	Hydroxycarb_0801050P0AAADAD	3490 Oral Susp	Oral Soln	Hydroxycarb_0801050P0AA	#N/A	2	0801050P0AAABAB	TRUE
39	Azathioprine_0802010G0AAADAD	700719 Tab	Cap	Azathioprine	#N/A	1	0802010G0AAWBWB	TRUE
40	Azathioprine_0802010G0AAAЕЕ	4127793 Tab	Cap	Azathioprine	#N/A	1	0802010G0AABUBU	TRUE
41	Azathioprine_0802010G0AAAHAH	638 Cap	Pdrs	Azathioprine	#N/A	1	0802010G0AAABMBM	TRUE
42	Azathioprine_0802010G0AAAPAP	9660 Oral Soln	Oral Susp	Azathioprine_0802010G0AA	#N/A	2	0802010G0AACCHCH	TRUE
43	Azathioprine_0802010G0AAACHCH	34332 Oral Susp	Oral Soln	Azathioprine_0802010G0AA	#N/A	2	0802010G0AAAPAP	TRUE
44	Azathioprine_0802010G0AACICI	5150 Oral Susp	Oral Soln	Azathioprine	#N/A	2	0802010G0AAASAS	TRUE
45	Tacrolimus_Č 0802020T0AAAGAG	4768 Oral Soln	Oral Susp	Tacrolimus_Č	#N/A	2	0802020T0AAAАЗАЗ	TRUE
46	Tacrolimus_L 0802020T0AAALAL	8480 Liq Spec	Oral Susp	Tacrolimus_Č	#N/A	2	0802020T0AAAYAY	TRUE
47	Tacrolimus_Č 0802020T0AAANAN	3000 Cap	Tab	Tacrolimus_Č	#N/A	1	0802020T0AA CBC	TRUE
48	Tacrolimus_Č 0802020T0AABFBF	200 Cap	Pdrs	Tacrolimus_Č	#N/A	1	0802020T0AAADAD	TRUE
49	Diethylstilbe:0803010K0AAAКАK	38939 Tab	Cap	Diethylstilbe:	#N/A	1	0803010K0AAAMAM	TRUE
50	Anastrozole_0803041B0AAAAAA	1597392 Tab	Cap	Anastrozole	#N/A	1	0803041B0AAACAC	TRUE
51	Tamoxifen_Ci 0803041S0AAAHAH	900 Oral Susp	Susp	Tamoxifen_Ci	#N/A	2	0803041S0AAEAE	TRUE
52	Ferr_Fumar_0901011F0AAACAC	2051240 Oral Soln	Liq Spec	Ferr_Fumar_I	#N/A	2	0901011F0AAAJAJ	TRUE
53	Ferr_Fumar_0901011F0AAAHAR	2079334 Cap	Tab	Ferr_Fumar_I	#N/A	1	0901011F0AAADAD	TRUE
54	Ferr_Sulf_Tat 0901011P0AAACAC	13930400 Tab	Cap	Ferr_Sulf_Cap	#N/A	1	0901011P0AAAUAU	TRUE
55	Ferr_Sulf_Ora_0901011P0AACCKK	1900 Oral Soln	Liq Spec	Ferr_Sulf_Liq	#N/A	2	0901011P0AABPB	TRUE
56	Ferr_Sulf_Ora_0901011P0AACLCL	1400 Oral Susp	Liq Spec	Ferr_Sulf_Liq	#N/A	2	0901011P0AABPB	TRUE
57	Folic_Acid_Ta 0901020G0AAAGAG	13230128 Tab	Cap	Folic_Acid_Cz	#N/A	1	0901020G0AABTBT	TRUE
58	Folic_Acid_Ta 0901020G0AABFBF	1085622 Tab	Cap	Folic_Acid_Cz	#N/A	1	0901020G0AABNBN	TRUE
59	Folic_Acid_Lic 0901020G0AABZBZ	100 Liq Spec	Susp	Folic_Acid_Su	#N/A	2	0901020G0AAVAV	TRUE
60	Folic_Acid_Dr_0901020G0AACCCC	5810 Oral Soln	Oral Susp	Folic_Acid_Oi	#N/A	2	0901020G0ACZZ	TRUE
61	St.Marks_Or:0902012H0AAAKAK	477 Oral Rehydration Electrolyte	Pdrs	St.Marks_Ele	#N/A	3	0902012H0AAAIAI	TRUE
62	Sod_Chlor_Če 0902012L0AAAAAA	772 Cap	Tab	Sod_Chlor_Če	#N/A	1	0902012L0AAALAL	TRUE
63	Sod_Chlor_Če 0902012L0AAARAR	928 Cap	Tab	Sod_Chlor_Če	#N/A	1	0902012L0AAAIAI	TRUE
64	Sod_Chlor_Če 0902012L0AAUAAU	100 Cap	Tab	Sod_Chlor_Če	#N/A	1	0902012L0AAAMAM	TRUE
65	Sod_Chlor_Li 0902012L0AABRBR	25350 Liq Spec	Oral Soln	Sod_Chlor_Oi	#N/A	2	0902012L0AADD	TRUE
66	Sod_Chlor_Oi 0902012L0AADDFD	30660 Oral Soln	Liq Spec	Sod_Chlor_Li	#N/A	2	0902012L0AACACA	TRUE
67	Pot_Bicarb_C 0902013P0AAABAB	1368 Cap	Tab	Pot_Bicarb_T	#N/A	1	0902013P0AAADAD	TRUE
68	Sod_Bicarb_C 0902013S0AAACAC	3586981 Cap	Pdrs	Sod_Bicarb_P	#N/A	1	0101012B0AAKAK	TRUE
69	Sod_Bicarb_C 0902013S0AAADAD	112 Cap	Tab	Sod_Bicarb_T	0902013S0AA	1	0902013S0AAAPAP	TRUE
70	Sod_Bicarb_C 0902013S0AAAFAB	60 Cap	Tab	Sod_Bicarb_T	#N/A	1	0902013S0AAAQAQ	TRUE
71	Sod_Bicarb_T 0902013S0AAAPAP	77467 Tab	Cap	Sod_Bicarb_C	0902013S0AA	1	0902013S0AAADAD	TRUE
72	Sod_Chlor_I/ 0902013S0AAA2A2	57 I/V Inf	Ster Buff Spy	Sod_Chlor_St	#N/A	2	1311010S0AAVAV	TRUE
73	Sod_Chlor_I/ 0902013S0AAAXAX	666572 I/V Inf	Eye Dps	Sod_Chlor_Ey	1108010K0AA	2	1108010K0AAAAAA	TRUE
74	Sod_Chlor_I/ 0902013S0AAAYAY	157 I/V Inf	Blad Irrig	Sod_Chlor_BL	#N/A	2	0704040J0AAAGAG	TRUE
75	Sod_Chlor_I/ 0902013S0AAA2AZ	339 I/V Inf	Blad Irrig	Sod_Chlor_BL	#N/A	2	0704040J0AAAMAM	TRUE
76	Sod_Chlor_I/ 0902013S0AACJCJ	258 I/V Inf	Blad Irrig	Sod_Chlor_BL	#N/A	2	0704040J0AAAFAF	TRUE
77	Sod_Chlor_I/ 0902013S0ACQCQ	2 I/V Inf	Blad Irrig	Sod_Chlor_BL	#N/A	2	0704040J0AACRAR	TRUE
78	Calc_Carb_Ta 0905011D0AAADAD	53219 Tab Eff	Cap	Calc_Carb_Ca	#N/A	2	0101021C0AAAHAH	TRUE
79	Calc_Carb_Ta 0905011D0AAAЕЕ	7129 Tab	Cap	Calc_Carb_Ca	#N/A	1	0101021C0AAAHAH	TRUE
80	Calc_Glucon_0905011K0AAAAAA	7000 Tab Eff	Tab	Calc_Glucon_	#N/A	2	0905011K0AAAHAH	TRUE
81	Calc_Glucon_0905011K0AAAGAG	360 Tab	Cap	Calc_Glucon_	#N/A	1	0905011K0AACRAR	TRUE
82	Mag_Glycero_0905013G0AAA2A2	24554 Tab	Cap	Mag_Glycero	0905013G0AA	1	0905013G0AAA4A4	TRUE
83	Mag_Glycero_0905013G0AA4A4	16110 Cap	Pdrs	Mag_Glycero	#N/A	1	0905013G0ABVBV	TRUE
84	Mag_Glycero_0905013G0ABMBM	7632 Cap	Tab	Mag_Glycero	0905013G0AA	1	0905013G0AACCX	TRUE

1	Mag Glycero 0905013G0AACVCV	84275 Oral Soln	Oral Susp	Y	Mag Glycero 0905013G0AA	2 0905013G0AACWCW	TRUE
2	Mag Glycero 0905013G0AACWCW	11850 Oral Susp	Oral Soln	Y	Mag Glycero 0905013G0AA	2 0905013G0AACVCV	TRUE
3	Mag Glycero 0905013G0AACXCX	336 Tab	Cap	Y	Mag Glycero 0905013G0AA	1 0905013G0AABMBM	TRUE
4	Mag Glycero 0905013G0AACZCZ	1000 Oral Susp	Oral Soln		Mag Glycero #N/A	2 0905013G0AABXBX	TRUE
5	Mag Orotate 0905013M0AAACAC	1008 Tab	Cap		Mag Orotate #N/A	1 0905013M0AAADAD	TRUE
6	Phos/Sod_Or 090502100AAAMAM	16740 Oral Soln	Oral Susp	Y	Phos/Sod_Or #N/A	2 090502100AAANAN	TRUE
7	Sod Dihydrog 0905021L0AAAGAG	600 Oral Susp	Oral Soln	Y	Sod Dihydrog 0905021L0AA	2 0905021L0AAASAS	TRUE
8	Sod Dihydrog 0905021L0AAASAS	10460 Oral Soln	Oral Susp	Y	Sod Dihydrog 0905021L0AA	2 0905021L0AAAGAG	TRUE
9	Sod Fluoride_0905030G0AAATAT	608 Tab	Cap		Sod Fluoride_ #N/A	1 0905030G0AAAHAH	TRUE
10	Zn Sulf_Cap 0905041Q0AAAAAA	43971 Cap	Tab		Zn Sulf_Tab #N/A	1 0905041Q0AAAAMAM	TRUE
11	Selenium_Or 0905050A0AAAAAA	3123 Oral Soln	Inj	N	Selenium_Inj 0905050A0AA	2 0905050A0AAACAC	TRUE
12	Selenium_Inj 0905050A0AACAC	466 Inj	Oral Soln	N	Selenium_Or 0905050A0AA	1 0905050A0AAAAAA	TRUE
13	Betacarotene 0906012B0AAACAC	168 Cap	Tab		Betacarotene #N/A	1 0906012B0AAALAL	TRUE
14	Nicotinamide 0906022K0AAAAAA	1570 Tab	Cap		Nicotinamide #N/A	1 0906022K0AAAHAH	TRUE
15	Nicotinamide 0906022K0AAACAC	1830 Tab	Cap	Y	Nicotinamide 0906022K0AA	1 0906022K0AAAGAG	TRUE
16	Nicotinamide 0906022K0AAAGAG	2514 Cap	Tab	Y	Nicotinamide 0906022K0AA	1 0906022K0AAACAC	TRUE
17	Nicotinamide 0906022K0AAPAP	3272 Tab	Cap		Nicotinamide #N/A	1 0906022K0AAAMAM	TRUE
18	Pyridox HCl_0906024N0AAAGAG	79135 Tab	Cap	Y	Pyridox HCl_ #N/A	1 0906024N0AABIBJ	TRUE
19	Pyridox HCl_0906024N0AAAI	336845 Tab	Cap	Y	Pyridox HCl_ #N/A	1 0906024N0AAATAT	TRUE
20	Pyridox HCl_0906024N0AAAJAJ	240 Tab	Cap		Pyridox HCl_ #N/A	1 0906024N0AABEBE	TRUE
21	Pyridox HCl_0906024N0AAANAN	4131 Tab	Cap		Pyridox HCl_ #N/A	1 0906024N0AAQAQ	TRUE
22	Pyridox HCl_0906024N0AABMBM	600 Liq Spec	Oral Soln		Pyridox HCl_ #N/A	2 0906024N0AABABA	TRUE
23	Pyridox HCl_0906024N0AABUBU	500 Liq Spec	Susp		Pyridox HCl_ #N/A	2 0906024N0AABCBC	TRUE
24	Pyridox HCl_0906024N0AABWBW	1200 Liq Spec	Susp		Pyridox HCl_ #N/A	2 0906024N0AAA9A9	TRUE
25	Pyridox HCl_0906024N0AACICJ	420 Liq Spec	Susp		Pyridox HCl_ #N/A	2 0906024N0AABB8B	TRUE
26	Pyridox HCl_0906024N0AACXCX	3550 Oral Soln	Liq Spec		Pyridox HCl_ #N/A	2 0906024N0AABL8L	TRUE
27	Pyridox HCl_0906024N0AACYCY	4800 Oral Susp	Liq Spec		Pyridox HCl_ #N/A	2 0906024N0AABL8L	TRUE
28	Riboflavin_Li 0906025P0AAA3A3	150 Liq Spec	Syr		Riboflavin_Si #N/A	2 0906025P0AAAJAJ	TRUE
29	Riboflavin_Li 0906025P0AAA9A9	560 Liq Spec	Syr		Riboflavin_Si #N/A	2 0906025P0AAAVAV	TRUE
30	Riboflavin_Ts 0906025P0AAAAAA	456 Tab	Cap	Y	Riboflavin_C_0906025P0AA	1 0906025P0AABFBF	TRUE
31	Riboflavin_Ts 0906025P0AAQAQ	28 Tab	Cap		Riboflavin_C_ #N/A	1 0906025P0AAACAC	TRUE
32	Riboflavin_C_0906025P0AAAUAU	11210 Cap	Pdrs		Riboflavin_Pt #N/A	1 0906025P0AAAKAK	TRUE
33	Riboflavin_C_0906025P0AABFB	6727 Cap	Pdrs		Riboflavin_Pt #N/A	1 0906025P0AABEBE	TRUE
34	Riboflavin_Ts 0906025P0AABIBI	30 Tab	Cap	Y	Riboflavin_C_0906025P0AA	1 0906025P0AAAUAU	TRUE
35	Thiamine HCl 0906026M0AAAGAG	7643861 Tab	Cap	Y	Thiamine HC #N/A	1 0906026M0AABEBE	TRUE
36	Thiamine HCl 0906026M0AAAXAX	1910 Oral Soln	Oral Susp	Y	Thiamine HC 0906026M0A	2 0906026M0AABKBK	TRUE
37	Thiamine HCl 0906026M0AABIBI	5880 Oral Soln	Liq Spec		Thiamine HC #N/A	2 0906026M0AAA1A1	TRUE
38	Thiamine HCl 0906026M0AABJB	2060 Oral Susp	Liq Spec		Thiamine HC #N/A	2 0906026M0AAA1A1	TRUE
39	Thiamine HCl 0906026M0AABKBK	1700 Oral Susp	Oral Soln	Y	Thiamine HC 0906026M0A/	2 0906026M0AAAXAX	TRUE
40	Biotin_Tab_Si 090602800AAAGAG	10750 Tab	Pdrs		Biotin_Pdrs 5 #N/A	1 090602800AACECE	TRUE
41	Pot Aminob 090602800AAAANAN	2352 Cap	Tab		Pot Aminob #N/A	1 090602800AAAVAV	TRUE
42	Biotin_Tab 1 090602800AACPCP	1200 Tab	Cap		Biotin_Cap 1 #N/A	1 090602800ACCQQ	TRUE
43	Ascorbic Acic 0906031C0AAAFAC	115511 Tab	Cap	Y	Ascorbic Acic #N/A	1 0906031C0AAA9A9	TRUE
44	Ascorbic Acic 0906031C0AAAGAG	118448 Tab	Pdrs		Ascorbic Acic #N/A	1 0906031C0AABTBT	TRUE
45	Ascorbic Acic 0906031C0AAAHAH	79444 Tab	Tab Chble	N	Ascorbic Acic #N/A	1 0906031C0AABMBM	TRUE
46	Ascorbic Acic 0906031C0AAIAI	188142 Tab	Cap	Y	Ascorbic Acic #N/A	1 0906031C0AABIBI	TRUE
47	Ascorbic Acic 0906031C0AAALAL	597 Tab Chble	Cap		Ascorbic Acic #N/A	2 0906031C0AABIBI	TRUE
48	Ascorbic Acic 0906031C0AAPAP	14 Tab	Tab Chble		Ascorbic Acic #N/A	1 0906031C0AAAKAK	TRUE
49	Ascorbic Acic 0906031C0AAAUAU	14 Tab Eff	Cap		Ascorbic Acic #N/A	2 0906031C0AAABIBI	TRUE
50	Ascorbic Acic 0906031C0AAUBABA	84 Cap	Tab	Y	Ascorbic Acic 0906031C0AA	1 0906031C0AABJBJ	TRUE
51	Ascorbic Acic 0906031C0AAABABA	388 Tab	Cap	Y	Ascorbic Acic 0906031C0AA	1 0906031C0AABABA	TRUE
52	Ascorbic Acic 0906031C0AABJB	1390 Tab Chble	Pdrs		Ascorbic Acic #N/A	2 0906031C0AABTB	TRUE
53	Ascorbic Acic 0906031C0AABBNB	17198 Tab	Cap	Y	Colecal_Cap 0906040G0AA	1 0906040G0AAAHAH	TRUE
54	Colecal_Cap 0906040G0AAACAC	645 Cap	Tab	Y	Colecal_Cap 0906040G0AA	1 0906040G0AAACAC	TRUE
55	Colecal_Cap 0906040G0AAANAN	3127999 Cap	Tab	Y	Colecal_Cap 0906040G0AA	1 0906040G0AACSCS	TRUE
56	Colecal_Cap 0906040G0AAATAT	200 Oral Susp	Oral Soln	Y	Colecal_Cap 0906040G0AA	2 0906040G0AACUCU	TRUE
57	Colecal_Cap 0906040G0AAUUAU	190 Oral Susp	Oral Soln		Colecal_Cap #N/A	2 0906040G0AACMCM	TRUE
58	Colecal_Cap 0906040G0AABABA	188 Cap	Tab	Y	Colecal_Cap 0906040G0AA	1 0906040G0AADBD	TRUE
59	Colecal_Cap 0906040G0AABBB	2570 Cap	Tab	Y	Colecal_Cap 0906040G0AA	1 0906040G0AACYCY	TRUE
60	Colecal_Cap 0906040G0AABCBC	3609 Cap	Tab	Y	Colecal_Cap 0906040G0AA	1 0906040G0AACQCC	TRUE
61	Colecal_Cap 0906040G0AABDBD	36 Cap	Tab	Y	Colecal_Cap 0906040G0AA	1 0906040G0AACRCR	TRUE
62	Colecal_Cap 0906040G0AABEBE	5328 Cap	Tab	Y	Colecal_Cap 0906040G0AA	1 0906040G0AACPCP	TRUE
63	Colecal_Cap 0906040G0AABGBG	402861 Tab	Cap	Y	Colecal_Cap 0906040G0AA	1 0906040G0AABHBH	TRUE
64	Colecal_Cap 0906040G0AABGBH	497926 Cap	Tab	Y	Colecal_Cap 0906040G0AA	1 0906040G0AABGBG	TRUE
65	Colecal_Cap 0906040G0AABIBI	255240 Cap	Tab	Y	Colecal_Cap 0906040G0AA	1 0906040G0AABRBR	TRUE
66	Colecal_Cap 0906040G0AABKBK	3496 Cap	Tab	Y	Colecal_Cap 0906040G0AA	1 0906040G0AACNCN	TRUE
67	Colecal_Cap 0906040G0AABNB	4502 Oral Soln	Oral Susp		Colecal_Cap #N/A	2 0906040G0AAAXAX	TRUE
68	Colecal_Cap 0906040G0AABRBR	172925 Tab	Cap	Y	Colecal_Cap 0906040G0AA	1 0906040G0AABIBI	TRUE
69	Colecal_Cap 0906040G0AABSBS	149125 Tab	Tab Chble	Y	Colecal_Cap 0906040G0AA	1 0906040G0AABYBY	TRUE
70	Colecal_Cap 0906040G0AABTBT	27063 Oral Dps	Oral Soln		Colecal_Cap #N/A	2 0906040G0AACCKK	TRUE
71	Colecal_Cap 0906040G0AABWBW	4952150 Tab Chble	Tab	Y	Colecal_Cap 0906040G0AA	2 0906040G0AACCCC	TRUE
72	Colecal_Cap 0906040G0AABYBY	8076605 Tab Chble	Tab	Y	Colecal_Cap 0906040G0AA	2 0906040G0AACBSBS	TRUE
73	Colecal_Cap 0906040G0AACACA	196 Tab Chble	Tab Eff	Y	Colecal_Cap 0906040G0AA	2 0906040G0AACBCB	TRUE
74	Colecal_Cap 0906040G0AACBCB	736568 Tab Eff	Tab Chble	Y	Colecal_Cap 0906040G0AA	2 0906040G0AACACA	TRUE
75	Colecal_Cap 0906040G0AACCCC	229304 Tab	Tab Chble	Y	Colecal_Cap 0906040G0AA	1 0906040G0AABWBW	TRUE
76	Colecal_Cap 0906040G0AACECE	120 Tab Chble	Tab	Y	Colecal_Cap 0906040G0AA	2 0906040G0AABSB	TRUE
77	Colecal_Cap 0906040G0AACLCL	18 Oral Dps	Oral Soln	N	Colecal_Cap 0906040G0AA	2 0906040G0ADGDG	TRUE
78	Colecal_Cap 0906040G0AACNCN	10817 Tab	Cap	Y	Colecal_Cap 0906040G0AA	1 0906040G0AABKBK	TRUE
79	Colecal_Cap 0906040G0AACPCP	9072 Tab	Cap	Y	Colecal_Cap 0906040G0AA	1 0906040G0AABEBE	TRUE
80	Colecal_Cap 0906040G0AACQCQ	18350 Tab	Cap	Y	Colecal_Cap 0906040G0AA	1 0906040G0AACBCC	TRUE
81	Colecal_Cap 0906040G0AACRCR	31824 Tab	Cap	Y	Colecal_Cap 0906040G0AA	1 0906040G0AABDBD	TRUE
82	Colecal_Cap 0906040G0AACSCS	651500 Tab	Cap	Y	Colecal_Cap 0906040G0AA	1 0906040G0AAANAN	TRUE
83	Colecal_Cap 0906040G0AACUCU	11100 Oral Soln	Oral Susp	Y	Colecal_Cap 0906040G0AA	2 0906040G0AAATAT	TRUE
84	Colecal_Cap 0906040G0AACWCW	6329 Tab	Tab Chble	Y	Colecal_Cap 0906040N0AA	1 0906040N0AAEXEX	TRUE

1	Colecal_Tab : 0906040G0AACYCY	1620 Tab	Cap	Y	Colecal_Cap 0906040G0AA	1 0906040G0AABBBD	TRUE
2	Colecal_Tab : 0906040G0AADBDB	31962 Tab	Cap	Y	Colecal_Cap 0906040G0AA	1 0906040G0AABABA	TRUE
3	Colecal_Oral 0906040G0AADGDG	210 Oral Soln	Oral Dps	N	Colecal_Oral 0906040G0AA	2 0906040G0AACLCL	TRUE
4	Colecal_Cap 0906040G0AADJDJ	3390 Cap	Tab		Colecal_Tab #N/A	1 0906040G0AAASAS	TRUE
5	Ergocalcifero 0906040N0AACDCD	800 Oral Susp	Oral Soln	Y	Ergocalcifero 0906040N0AA	2 0906040N0AAFDFG	TRUE
6	Ergocalcifero 0906040N0AADLDL	460 Liq Spec	Oral Soln	Y	Ergocalcifero 0906040N0AA	2 0906040N0AAFIFI	TRUE
7	Calc/Vit D_T <sub>c</sub> 0906040N0AADDXD	322 Tab Chble	Cap		Calc/Vit D_C #N/A	2 0906040N0AAEIEJ	TRUE
8	Colecal & Cal 0906040N0AAEEE	178 Tab	Tab Chble		Colecal & Cal #N/A	1 0906040N0AAFCFC	TRUE
9	Ergocalcifero 0906040N0AAEIEI	500 Oral Susp	Oral Soln	Y	Ergocalcifero 0906040N0AA	2 0906040N0AAFJFJ	TRUE
10	Colecal & Cal 0906040N0AAEXEX	40586 Tab Chble	Tab	Y	Colecal & Cal 0906040G0AA	2 0906040G0AACWCW	TRUE
11	Ergocalcifero 0906040N0AAFDFD	5100 Oral Soln	Soln		Ergocalcifero #N/A	2 0906040N0AAACHCH	TRUE
12	Ergocalcifero 0906040N0AAFDFG	2650 Oral Soln	Oral Susp	Y	Ergocalcifero 0906040N0AA	2 0906040N0AACDCD	TRUE
13	Ergocalcifero 0906040N0AAFIFI	2000 Oral Soln	Liq Spec	Y	Ergocalcifero 0906040N0AA	2 0906040N0AADLDL	TRUE
14	Ergocalcifero 0906040N0AAFIFJ	3810 Oral Soln	Oral Susp	Y	Ergocalcifero 0906040N0AA	2 0906040N0AAEIEI	TRUE
15	Ergocalcifero 0906040N0AAFKFK	270 Oral Soln	Oral Susp		Ergocalcifero #N/A	2 0906040N0AADD	TRUE
16	Vit E_Cap 75i 0906050P0AAAAAAA	49406 Cap	Gelucap		Vit_E_Gelucap #N/A	1 0906050P0AAALAL	TRUE
17	Vit_E_Cap 20i 0906050P0AAABAB	54083 Cap	Succ Tab		Vit_E_Succ Tab #N/A	1 0906050P0AAZAZ	TRUE
18	Vit_E_Cap 40i 0906050P0AAAF	52601 Cap	Tab		Vit_E_Tab 40#N/A	1 0906050P0AACACA	TRUE
19	Vit_E_Cap 10i 0906050P0AAAKAK	399 Cap	Tab		Vit_E_Tab 10#N/A	1 0906050P0AAAGAG	TRUE
20	Tocoph Acet 0906050T0AAAF	174774 Susp	Liq Spec		Tocoph Acet #N/A	1 0906050T0AAAH	TRUE
21	Tocoph Acet 0906050T0AAPAP	2602 Tab Chble	Tab	Y	Tocoph Acet #N/A	2 0906050T0AAAEAE	TRUE
22	Menadiol Soi 0906060L0AAAGAG	1160 Oral Soln	Oral Susp	Y	Menadiol Soi 0906060L0AA	2 0906060L0AAAPAP	TRUE
23	Menadiol Soi 0906060L0AAPAP	2020 Oral Susp	Oral Soln	Y	Menadiol Soi 0906060L0AA	2 0906060L0AAAGAG	TRUE
24	Phytomenad 0906060Q0AAACAC	9885 Tab	Cap		Phytomenad 0906060Q0AA	1 0906060Q0AABAB	TRUE
25	Phytomenad 0906060Q0AAABABA	128 Cap	Tab	Y	Phytomenad 0906060Q0AA	1 0906060Q0AACAC	TRUE
26	Levocarnitine 0908010C0AAABAB	160 Tab Chble	Tab	Y	Levocarnitine #N/A	2 0908010C0AAACAC	TRUE
27	Sod Benz_Ca 0908010N0AAABAB	784 Cap	Tab	Y	Sod Benz_Ta 0908010N0AA	1 0908010N0AAAXAX	TRUE
28	Sod Benz_Ta 0908010N0AAAXAX	6472 Tab	Cap	Y	Sod Benz_Ca 0908010N0AA	1 0908010N0AAABAB	TRUE
29	Sod Benz_Or 0908010N0AABIBI	65475 Oral Soln	Liq		Sod Benz_Lic #N/A	2 0908010N0AAAAAA	TRUE
30	Sod Phenylbu 0908010P0AAACAC	450 Cap	Tab	Y	Sod Phenylbu 0908010POAA	1 0908010P0AAAGAG	TRUE
31	Sod Phenylbu 0908010P0AAAGAG	9250 Tab	Cap	Y	Sod Phenylbu 0908010POAA	1 0908010P0AACAC	TRUE
32	Betaaine Anhy 0908010T0AAAAAA	1628 Tab	Cap		Betaaine Anhy #N/A	1 0908010T0AAABAB	TRUE
33	Arginine_Caq 091101000AACSCS	1464 Cap	Pdrs		Arginine_Pdr #N/A	1 091101000AEEGEG	TRUE
34	Arginine_Tat 091101000AADQDQ	196 Tab	Cap	Y	Arginine_Caq 091101000AA	1 091101000AACSCS	TRUE
35	Arginine_Ora 091101000AAEEL	37200 Oral Soln	Liq Spec		Arginine_Liq #N/A	2 091101000AADJDJ	TRUE
36	Glycine_Pdrs 091101000AERER	800 Pdrs	Pdr Sach	N	Glycine_Pdr : 091101000AA	1 091101000AAFBFB	TRUE
37	Glycine_Cap 091101000AAEY	2400 Cap	Pdrs		Glycine_Pdrs #N/A	1 091101000AAESES	TRUE
38	Glycine_Pdr !091101000AABFB	240 Pdr Sach	Pdrs	N	Glycine_Pdr 091101000AA	2 091101000AAERER	TRUE
39	Arginine_Ora 091101000AAFSFS	8900 Oral Soln	Liq Spec		Arginine_Liq #N/A	2 091101000AADVDV	TRUE
40	Ubidecareno 091102000AAIAI	13104 Cap	Tab	Y	Ubidecareno 091102000AA	1 091102000AAABMBM	TRUE
41	Ubidecareno 091102000AAABMBM	28 Tab	Cap		Ubidecareno 091102000AA	1 091102000AAIAI	TRUE
42	Glucosamine_091200000AADGDG	4138 Tab	Cap	Y	Glucosamine_091200000AA	1 091200000AADJDJ	TRUE
43	Glucosamine_091200000AADJDJ	2014 Cap	Tab	Y	Glucosamine_091200000AA	1 091200000AADGDG	TRUE
44	Glucosamine_091200000ADYDY	796 Tab	Cap		Glucosamine #N/A	1 091200000AERER	TRUE
45	Glucosamine_091200000AAEEEEE	12180 Cap	Tab	Y	Glucosamine_091200000AA	1 091200000AAEEL	TRUE
46	Glucosamine_091200000AAEEL	1166 Tab	Cap	Y	Glucosamine_091200000AA	1 091200000AAEEE	TRUE
47	Tenoxicam_T 100101040AAAAAA	4075 Tab	Gran Sach		Tenoxicam_C #N/A	1 100101040AAABAB	TRUE
48	Meloxicam_11001010AAAAAAA	924340 Tab	Suppos		Meloxicam_S #N/A	1 100101010AAAAADAD	TRUE
49	Meloxicam_11001010A0AAABAB	856521 Tab	Suppos		Meloxicam_S #N/A	1 100101010AAAACAC	TRUE
50	Ibuprofen Ly 0901010ADAACAC	6952 Tab	Sach		Ibuprofen Ly #N/A	1 1001010ADAADAD	TRUE
51	Diclofenac Sc 1001010C0AAADAD	167680 Tab E/C	Suppos	Y	Diclofenac Sc 1001010C0AA	2 1001010C0AAATAT	TRUE
52	Diclofenac Sc 1001010C0AAAEAE	3168802 Tab E/C	Suppos	Y	Diclofenac Sc 1001010C0AA	2 1001010C0AAUUAU	TRUE
53	Diclofenac Sc 1001010C0AAFAF	41647 Tab	Cap	Y	Diclofenac Sc 1001010C0AA	1 1001010C0AAANAN	TRUE
54	Diclofenac Sc 1001010C0AAALAL	276872 Tab	Cap	Y	Diclofenac Sc 1001010C0AA	1 1001010C0AAAWAW	TRUE
55	Diclofenac Sc 1001010C0AAANAN	33221 Cap	Tab	Y	Diclofenac Sc 1001010C0AA	1 1001010C0AAFAF	TRUE
56	Diclofenac Sc 1001010C0AAATAT	2645 Suppos	Tab E/C	N	Diclofenac Sc 1001010C0AA	1 1001010C0AAADAD	TRUE
57	Diclofenac Sc 1001010C0AAAUUAU	27714 Suppos	Tab E/C	N	Diclofenac Sc 1001010C0AA	1 1001010C0AAEEAE	TRUE
58	Diclofenac Sc 1001010C0AAAWAW	218872 Cap	Tab	Y	Diclofenac Sc 1001010C0AA	1 1001010C0AAALAL	TRUE
59	Fenoprofen_0901010G0AAABAB	356 Tab	Tab Disper		Fenoprofen_ #N/A	1 1001010G0AAACAC	TRUE
60	Flurbiprofen_1001010AACAC	14697 Tab	Suppos		Flurbiprofen_ #N/A	1 1001010AACAAAAA	TRUE
61	Ibuprofen_C 1001010J0AAAAAA	123208 Cap	Capl		Ibuprofen_C #N/A	1 1001010J0AAAHAH	TRUE
62	Ibuprofen_C 1001010J0AAABAB	25760 Cap	Tab		Ibuprofen_T : #N/A	1 1001010J0AABLBL	TRUE
63	Ibuprofen_T 1001010J0AAADAD	2098494 Tab	Cap	Y	Ibuprofen_C : 1001010J0AA	1 1001010J0AAAAAA	TRUE
64	Ibuprofen_T 1001010J0AAAEAE	11897988 Tab	Cap	Y	Ibuprofen_C : 1001010J0AA	1 1001010J0AAUUAU	TRUE
65	Ibuprofen_T 1001010J0AAAF	787906 Tab	Gran Eff Sach	Y	Ibuprofen_G 1001010J0AA	1 1001010J0AAANAN	TRUE
66	Ibuprofen_G 1001010J0AAANAN	19369 Gran Eff Sach	Tab	N	Ibuprofen_T : 1001010J0AA	3 1001010J0AAAF	TRUE
67	Ibuprofen_C 1001010J0AAAUUAU	77671 Cap	Gran Eff Sach		Ibuprofen_G #N/A	1 1001010J0AAAXAX	TRUE
68	Ibuprofen_O 1001010J0AABHBB	5682564 Oral Susp	Oral Soln		Ibuprofen_O #N/A	2 1001010J0ABCBC	TRUE
69	Indometacin_1001010K0AAADAD	55059 Orodisper Tab	Cap	Y	Ibuprofen_C : 1001010J0AA	2 1001010J0AAAAAA	TRUE
70	Indometacin_1001010K0AAAEAE	103192 Cap	Tab		Indometacin_ #N/A	1 1001010K0AAAJAJ	TRUE
71	Indometacin_1001010K0AAAQAO	2600 Oral Soln	Mix		Indometacin_ #N/A	2 1001010K0AAEEAE	TRUE
72	Indometacin_1001010K0AABBBB	12630 Oral Susp	Mix		Indometacin_ #N/A	2 1001010K0AAEAE	TRUE
73	Mefenamic_A 1001010N0AAAAAA	364237 Cap	Tab		Mefenamic_A #N/A	1 1001010N0AAEAE	TRUE
74	Mefenamic_A 1001010N0AAABAB	8490 Oral Susp	Liq Spec		Mefenamic_A #N/A	2 1001010N0AAIAI	TRUE
75	Naproxen_T 1001010P0AAADAD	10976779 Tab	Tab E/C	Y	Naproxen_T : 1001010P0AA	1 1001010P0AAAHAH	TRUE
76	Naproxen_T 1001010P0AAAEAE	19582658 Tab	Gran Sach		Naproxen_G #N/A	1 1001010P0AAAF	TRUE
77	Naproxen_T 1001010P0AAAHAH	1951434 Tab E/C	Tab	Y	Naproxen_T : 1001010P0AA	2 1001010P0AAADAD	TRUE
78	Naproxen_T 1001010P0AAAI	2506811 Tab E/C	Gran Sach		Naproxen_G #N/A	2 1001010P0AAAF	TRUE
79	Naproxen_T 1001010P0AAAJAJ	97785 Tab E/C	Tab	Y	Naproxen_T : #N/A	2 1001010P0AAAGAG	TRUE
80	Naproxen_Li 1001010P0AAARAR	5830 Liq Spec	Oral Susp		Naproxen_O #N/A	2 1001010P0AAABAB	TRUE
81	Naproxen_O 1001010P0ABCBC	6050 Oral Susp	Liq Spec		Naproxen_Li #N/A	2 1001010P0AAAXAX	TRUE
82	Piroxicam_C 1001010R0AAAAAA	35137 Cap	Tab Disper		Piroxicam_T : #N/A	1 1001010R0AAADAD	TRUE
83	Piroxicam_C 1001010R0AAABAB	30019 Cap	Suppos		Piroxicam_S : #N/A	1 1001010R0AAACAC	TRUE
84	Piroxicam_T 1001010R0AAAEAE	56 Tab Disper	Cap	N	Piroxicam_C : 1001010R0AA	2 1001010R0AAABAB	TRUE

1	Tiaprofenic A 1001010T0AACAC	9476 Tab	Gran Sach	Tiaprofenic A	#/A	1 1001010T0AAAAAA	TRUE
2	Nabumetone 1001010X0AAAAAA	208817 Tab	Tab Disper	Nabumetone	#/A	1 1001010X0AAACAC	TRUE
3	Hydroxychloro 1001030C0AAAAAA	4872780 Tab	Pdrs	Hydroxychloro	#/A	1 1001030C0AABGBG	TRUE
4	Methotrexat 1001030U0AAAHAH	160 Liq Spec	Oral Soln	Methotrexat	#/A	2 1001030U0AABTBT	TRUE
5	Allopurinol_11001040C0AAABAB	7459650 Tab	Pdr Sach	Allopurinol_F	#/A	1 1001040C0AAAUUAU	TRUE
6	Allopurinol_C1001040C0AAALAL	1250 Oral Soln	Oral Susp	Allopurinol_C	1001040CO0AA	2 1001040C0AAAXAX	TRUE
7	Allopurinol_C1001040C0AAAPAP	3380 Oral Soln	Oral Susp	Allopurinol_C	1001040CO0AA	2 1001040C0AAAWAW	TRUE
8	Allopurinol_C1001040C0AAAWAW	14370 Oral Susp	Oral Soln	Allopurinol_C	1001040CO0AA	2 1001040C0AAAPAP	TRUE
9	Allopurinol_C1001040C0AAAXAX	2550 Oral Susp	Oral Soln	Allopurinol_C	1001040CO0AA	2 1001040C0AAALAL	TRUE
10	Glucosamine 1001050A0AAABAB	2108 Tab	Cap	Glucosamine	#/A	1 1001050A0AAAMAM	TRUE
11	Glucosamine 1001050A0AACAC	206 Tab Chble	Tab	Glucosamine	1001050A0AA	2 1001050A0AAAHAH	TRUE
12	Glucosamine 1001050A0AAAHAH	60 Tab	Tab Chble	Glucosamine	1001050A0AA	1 1001050A0AACAC	TRUE
13	Pyridostig Br 1002010Q0AAAIAI	1790 Liq Spec	Oral Soln	Pyridostig Br	#/A	2 1002010Q0AABFBF	TRUE
14	Pyridostig Br 1002010Q0AAANAN	3600 Oral Soln	Oral Susp	Pyridostig Br	1002010Q0Q0AA	2 1002010Q0AABHBH	TRUE
15	Pyridostig Br 1002010Q0AABGB	7500 Oral Susp	Oral Soln	Pyridostig Br	#/A	2 1002010Q0AAAMAM	TRUE
16	Pyridostig Br 1002010Q0AABHBH	1800 Oral Susp	Oral Soln	Pyridostig Br	1002010Q0Q0AA	2 1002010Q0AAANAN	TRUE
17	Baclofen_Liq 1002020C0AAA1A1	300 Liq Spec	Syr	Baclofen_Syr	#/A	2 1002020C0AAUUAU	TRUE
18	Dantrolene S 1002020J0AAARAR	12640 Oral Soln	Mix	Dantrolene S	#/A	2 1002020J0AAAGAG	TRUE
19	Dantrolene S 1002020J0AAAUAU	1880 Liq Spec	Susp	Dantrolene S	#/A	2 1002020J0AAAFAF	TRUE
20	Dantrolene S 1002020J0AAVAV	225 Liq Spec	Susp	Dantrolene S	#/A	2 1002020J0AAKAK	TRUE
21	Dantrolene S 1002020J0AABHBH	18430 Oral Susp	Mix	Dantrolene S	#/A	2 1002020J0AAAGAG	TRUE
22	Dantrolene S 1002020J0AABIBI	5670 Oral Soln	Oral Susp	Dantrolene S	1002020J0AAAI	2 1002020J0AABQBQ	TRUE
23	Dantrolene S 1002020J0AQBQBQ	7405 Oral Susp	Oral Soln	Dantrolene S	1002020J0AAAI	2 1002020J0AAABIBI	TRUE
24	Dantrolene S 1002020J0AABRBR	3350 Oral Susp	Oral Soln	Dantrolene S	#/A	2 1002020J0AAAXAX	TRUE
25	Tizanidine HC 1002020T0AAAIAI	30900 Oral Soln	Liq Spec	Tizanidine HC	#/A	2 1002020T0AAADAD	TRUE
26	Tizanidine HC 1002020T0AAJAJ	19980 Oral Susp	Liq Spec	Tizanidine HC	#/A	2 1002020T0AAADAD	TRUE
27	Dimethyl Sul 100302040AAAAAA	100 Crm	Ster Soln	Dimethyl Sul	#/A	1 0704040F0AAAAAA	TRUE
28	Ibuprofen_Ci 1003020P0AAAAAA	720 Crm	Gel	Ibuprofen_G	1003020P00AA	1 1003020P0AAACAC	TRUE
29	Ibuprofen_G 1003020P0AACAC	9735440 Gel	Crm	Ibuprofen_G	1003020P00AA	1 1003020P0AAAAAA	TRUE
30	Ibuprofen_G 1003020P0AAAIAI	8138830 Gel	Crm	Ibuprofen_Ci	#/A	1 1003020P0AAABAB	TRUE
31	Salicylic Acid,1003020W0AAAAAA	1656000 Gel	Crm	Salicylic Acid	1003020W0A	1 1003020W0AAABAB	TRUE
32	Salicylic Acid,1003020W0AAABAB	526125 Crm	Gel	Salicylic Acid	1003020W0A	1 1003020W0AAAAAA	TRUE
33	Ciprofloxacin 1103010B0AAAAAA	37560 Eye Dps	Ear Dps	Ciprofloxacin	1201010ACA	2 1201010ACA	TRUE
34	Chloramphер 1103010C0AAAAAA	697130 Eye Dps	Eye Oint	Chloramphер	#/A	2 1103010C0AAACAC	TRUE
35	Chloramphер 1103010C0AAADAD	170876 Eye Oint	Crm	Chloramphер	#/A	2 1310011B0AAAAAA	TRUE
36	Dibromprop 1103010E0AAAAAA	100 Eye Oint	Crm	Dibromprop	1310050K0AA	2 1310050K0AAAAAA	TRUE
37	Gentamicin S 1103010G0AAAFAF	42920 Ear/Eye Dps	Crm	Gentamicin S	#/A	2 1310012I0AAAAAA	TRUE
38	Oflloxacin_Ey 1103010Y0AAAAAA	13845 Eye Dps	Ear Dps	Oflloxacin_Ea	1201010ABA	2 1201010ABA	TRUE
39	Betameth So 1104010D0AAABAB	777 Eye Oint	Ear Dps	Betameth So	#/A	2 1201010E0AAAAAA	TRUE
40	Betameth So 1104010D0AAAGAG	146690 Ear/Eye/Nsl Dps	Ear Dps	Betameth So	#/A	2 1201010E0AAAAAA	TRUE
41	Flurome_Ey 1104010K0AAAAAA	26340 Eye Dps	Eye Oint	Flurome_Ey	#/A	2 1104010K0AAAEAE	TRUE
42	Prednisolone 1104010S0AABBBB	14480 Eye Dps	Ear Dps	Prednisolone	#/A	2 1201010U0AAABAB	TRUE
43	Prednisolone 1104010S0AABLBL	780 Eye Dps	Ear Dps	Prednisolone	#/A	2 1104010S0AABHBH	TRUE
44	Prednisolone 1104010S0AABMBM	190 Eye Dps	Ear Dps	Prednisolone	#/A	2 1104010S0AABIBI	TRUE
45	Sod Cromogl 1104020T0AAAAAA	1093506 Eye Dps Aq	Aq Nsl Spy	Sod Cromogl	#/A	3 1202010P0AAAHAH	TRUE
46	Atrop Sulf_E 1105000B0AAADAD	50 Eye Dps	Eye Oint	Atrop Sulf_E	#/A	2 1105000B0AAAGAG	TRUE
47	Atrop Sulf_E 1105000B0AAEAE	40760 Eye Dps	Eye Oint	Atrop Sulf_E	1105000B0AA	2 1105000B0AAAHAH	TRUE
48	Atrop Sulf_E 1105000B0AAAHAH	4 Eye Oint	Eye Dps	Atrop Sulf_E	1105000B0AAEAE	2 1105000B0AAEAE	TRUE
49	Acetazolamі 1106000B0AA2A2	1600 Liq Spec	Liq	Acetazolamі	#/A	2 1106000B0AAEAE	TRUE
50	Acetazolamі 1106000B0AAACAC	342367 Tab	Pdrs	Acetazolamі	#/A	1 1106000B0AAARAR	TRUE
51	Acetazolamі 1106000B0AAASAS	1368 Liq Spec	Susp	Acetazolamі	#/A	2 1106000B0AAAHAH	TRUE
52	Acetazolamі 1106000B0AABQBQ	4355 Oral Susp	Oral Soln	Acetazolamі	#/A	2 1106000B0AAATAT	TRUE
53	Piloc HCl_Eye 1106000X0AAEAE	9190 Eye Dps	Eye Gel	Piloc HCl_Eye	#/A	2 1106000X0AABDBD	TRUE
54	Timolol_Eye 1106000Z0AAAAAA	116455 Eye Dps	Gel Eye Dps	Timolol_Gel	1106000Z0AA	2 1106000Z0AAAPAP	TRUE
55	Timolol_Eye 1106000Z0AAABAB	87200 Eye Dps	Gel Eye Dps	Timolol_Gel	1106000Z0AA	2 1106000Z0AAQQAQ	TRUE
56	Timolol_Gel 1106000Z0AAAPAP	6488 Gel Eye Dps	Eye Dps	Timolol_Eye	1106000Z0AA	3 1106000Z0AAAAAA	TRUE
57	Timolol_Gel 1106000Z0AAAQQAQ	2328 Gel Eye Dps	Eye Dps	Timolol_Eye	1106000Z0AA	3 1106000Z0AAABAB	TRUE
58	Ciclosporin_E 1108010A0AAACAC	354 Eye Oint	Eye Dps	Ciclosporin_E	#/A	2 1108010AAAEAE	TRUE
59	Ciclosporin_E 1108010A0AAAIAI	17 Eye Oint	Eye Dps	Ciclosporin_E	#/A	2 1108010AAAAAA	TRUE
60	Acetylcy_Eye 1108010C0AAADAD	16070 Eye Dps	Blad Wsht	Acetylcy_Bla	#/A	2 0704040W0AAAAAA	TRUE
61	Sod Chlor_Ey 1108010K0AAAAAA	1060 Eye Dps	Eye Irrig	Sod Chlor_Ey	#/A	2 1108010K0AABIBI	TRUE
62	Sod Chlor_Ey 1108010K0AAJAJ	5 Eye Oint	Eye Dps	Sod Chlor_Ey	1108010K0AA	2 1108010K0AAAWAW	TRUE
63	Sod Chlor_Ey 1108010K0AAAQQAQ	10 Eye Dps	Ster Soln	Sod Chlor_St	#/A	2 0902012L0AACECE	TRUE
64	Sod Chlor_Ey 1108010K0AAAWAW	15 Eye Dps	Eye Oint	Sod Chlor_Ey	1108010K00AAJAJ	2 1108010K0AAABAB	TRUE
65	Sod Chlor_Ey 1108010K0AACFCF	4105 Eye Oint	Eye Dps	Sod Chlor_Ey	#/A	2 1108010K0AAABAB	TRUE
66	Oflloxacin_Ea 1201010ABA	5 Eye Dps	Eye Dps	Oflloxacin_Ey	1103010Y0AA	2 1103010Y0AAAAAA	TRUE
67	Ciprofloxacin 1201010CA	417 Ear Dps	Eye Dps	Ciprofloxacin	1103010B0AA	2 1103010B0AAAAAA	TRUE
68	Alum_Acet_E 1201010C0AAABAB	10 Ear Dps	Lot	Alum_Acet_L	#/A	2 1311060B0AAANAN	TRUE
69	Docusate So 1201030F0AAACAC	75 Ear Dps	Ear Drop Cap	Docusate So	#/A	2 1201030F0AAAAAA	TRUE
70	Bedclomet Dіj 1202010C0AAAAAA	132252 Nsl Spy	Inha B/A	Beclomet Dіj	#/A	2 0302000C0AAASAS	TRUE
71	Beclomet Dіj 1202010C0AAACAC	2 Aq Nsl Spy	Nsl Spy	Beclomet Dіj	#/A	3 1202010C0AAAFAF	TRUE
72	Fluticasone F 1202010MOAAADAD	14 Nsl Spy	Inha	Fluticasone F	#/A	2 0302000N0AAAKAK	TRUE
73	Sod Chlor_Nt 1202020L0AABQBQ	900 Neb Soln	Inh Soln	Sod Chlor_In	#/A	2 1202020L0AABDBD	TRUE
74	Sod Chlor_Nt 1202020L0AABZBZ	300 Neb Soln	Eye Dps	Sod Chlor_Ey	#/A	2 1108010K0AACBCB	TRUE
75	Mupirocin_N 1202030R0AAAAAA	20856 Nsl Oint	Crm	Mupirocin_C	1310011M0A/	2 1310011M0AAABAB	TRUE
76	Hydrocort_P 1203010M0AAABAB	56 Pastil	Cap	Hydrocort_C	#/A	1 0603020J0AAARAR	TRUE
77	Triamcinol At 1203010T0AAAAAA	246 Oromucosal Past Crm		Triamcinol At	#/A	2 1304000Z0AAAAAA	TRUE
78	Doxycycline I 1203010U0AAABAB	5831 Tab	Cap	Doxycycline I	#/A	1 1203010U0AAAAAA	TRUE
79	Chlorhex Glu 1203040E0AAABAB	6378262 Mthwsh	Crm	Chlorhex Glu	#/A	1 1310050J0AAAFAF	TRUE
80	Chlorhex Glu 1203040E0AAACAC	14400 Mthwsh (Mint)	Crm	Chlorhex Glu	#/A	2 1310050J0AAAFAF	TRUE
81	Hydrogen Pe 1203040I0AAADAD	62750 Mthwsh	Crm	Hydrogen Pe	#/A	1 1311070J0AAAAAA	TRUE
82	Piloc HCl_Tat 1203050P0AAABAB	81354 Tab	Cap	Piloc HCl_Caj	#/A	1 1203050P0AAAAAA	TRUE
83	Cetomacrog 1301010D0AAAAAA	4951865 Crm (For A) BP	Crm (For B) BP	Cetomacrog	#/A	4 1301010D0AAABAB	TRUE
84	Glycerol_Crrn 130201000AACLCL	1730 Crm	Eye Dps	Glycerol_Eye	#/A	1 1108020L0AAAMAM	TRUE

1	Dexpanthen_Oi 1302010E0AACAC	1290 Oint	Crm	Dexpanthen_Cr	#N/A	1 1302010E0AAABAB	TRUE	
2	Urea_Crm 1C 1302010U0AAAF	492470 Crm	Aq Soln	Urea_Aq Soli	#N/A	1 1309000U0AAADAD	TRUE	
3	Urea_Crm 5% 1302010U0AAAKAK	97802 Crm	Face Wsh	Urea_Face W	#N/A	1 1302010U0AARAR	TRUE	
4	Urea_Lot 10% 1302010U0AAAMAM	409551 Lot	Aq Soln	Urea_Aq Soli	#N/A	1 1309000U0AAADAD	TRUE	
5	Urea_Shamp 1302010U0AAASAS	46000 Shampoo	Crm	N	Urea_Crm 5% 1302010U0AA	1 1302010U0AAAKAK	TRUE	
6	Urea_Scalp A 1302010U0AAAWAW	3000 Scalp Applic	Crm	N	Urea_Crm 5% 1302010U0AA	2 1302010U0AAAKAK	TRUE	
7	Chlorhex_Glu 1302010Z0AAAAAA	42000 Emollient/Crm	Crm	Y	Chlorhex_Glu 1311020L0AA	1 1310050J0AAABAB	TRUE	
8	Crotamiton_I 1303000I0AAAAAA	639290 Crm	Lot	N	Crotamiton_I 1303000I0AA	1 1303000I0AAABAB	TRUE	
9	Crotamiton_I 1303000I0AAABAB	2550 Lot	Crm	N	Crotamiton_I 1303000I0AA	1 1303000I0AAAAAA	TRUE	
10	Lido_HCl_Gel 1303000Q0AAAAAA	450 Gel	Mthwsh		Lido HCl_Mtg	#N/A	1 1502010J0AADWDW	TRUE
11	Alclometaso 1304000B0AAAAAA	8950 Crm	Oint		Alclometaso	#N/A	1 1304000B0AABABA	TRUE
12	Beclomet_Dij 1304000COAAAAAA	3450 Crm	Oint	Y	Beclomet_Dij 1304000CO0AA	1 1304000COAABABA	TRUE	
13	Beclomet_Dij 1304000COAAABABA	3750 Oint	Crm	Y	Beclomet_Dij 1304000CO0AA	1 1304000COAAAAAA	TRUE	
14	Betameth_Dij 1304000D0AAAAAA	36290 Crm	Oint	Y	Betameth_Dij 1304000D0AA	1 1304000D0AABABA	TRUE	
15	Betameth_Dij 1304000D0AAABABA	40950 Oint	Crm	Y	Betameth_Dij 1304000D0AA	1 1304000D0AAAAAA	TRUE	
16	Betameth_Dij 1304000D0AABCBC	44640 Scalp Lot	Crm	N	Betameth_Dij 1304000D0AA	2 1304000D0AAAAAA	TRUE	
17	Betameth_Va 1304000F0AAAAAA	3702431 Crm	Lot	N	Betameth_Va 1304000FO0AA	1 1304000FOAABCB	TRUE	
18	Betameth_Va 1304000F0AAABAB	1571000 Crm	Oint	Y	Betameth_Va 1304000FO0AA	1 1304000FOAABBBB	TRUE	
19	Betameth_Va 1304000F0AAABABA	2301460 Oint	Crm	Y	Betameth_Va 1304000FO0AA	1 1304000FOAAAAAA	TRUE	
20	Betameth_Va 1304000FOAABBBB	946000 Oint	Crm	Y	Betameth_Va 1304000FO0AA	1 1304000FOAAABAB	TRUE	
21	Betameth_Va 1304000FOAABCBC	62600 Lot	Crm	Y	Betameth_Va 1304000FO0AA	1 1304000FOAAAAAA	TRUE	
22	Betameth_Va 1304000FOAABDBD	4143400 Scalp Applic	Crm	N	Betameth_Va 1304000FO0AA	2 1304000FOAAAAAA	TRUE	
23	Betameth_Va 1304000FOAACACA	67050 Crm	Oint	Y	Betameth_Va 1304000FO0AA	1 1304000FOACDCD	TRUE	
24	Betameth_Va 1304000FOAACBCB	57710 Crm	Lot		Betameth_Va	#N/A	1 1304000FOAACFCF	TRUE
25	Betameth_Va 1304000FOACDCD	50340 Oint	Crm	Y	Betameth_Va 1304000FO0AA	1 1304000FOAACACA	TRUE	
26	Betameth_Va 1304000FOAACECE	32920 Oint	Crm		#VALUE!	#VALUE!	0 #VALUE!	TRUE
27	Clobetasol_Pt 1304000G0AAAAAA	1139340 Crm	Oint	Y	Clobetasol_Pt 1304000G00AA	1 1304000G0AABABA	TRUE	
28	Clobetasol_Pt 1304000G0AAABABA	1319720 Oint	Crm	Y	Clobetasol_Pt 1304000G00AA	1 1304000G0AAAAAA	TRUE	
29	Clobetasol_Pt 1304000G0AABBBB	229170 Scalp Applic	Crm	N	Clobetasol_Pt 1304000G00AA	2 1304000G0AAAAAA	TRUE	
30	Clobet_But_C 1304000H0AAAAAA	1704530 Crm	Oint	Y	Clobet_But_C 1304000HO0AA	1 1304000H0AABABA	TRUE	
31	Clobet_But_C 1304000H0AAABABA	1791110 Oint	Crm	Y	Clobet_But_C 1304000HO0AA	1 1304000H0AAAAAA	TRUE	
32	Diflucortol 1304000L0AAAAAA	3450 Crm	Fatty Oint		Diflucortol	#N/A	1 1304000L0AABABA	TRUE
33	Diflucortol 1304000L0AAABAB	7110 Oily Crm	Crm	Y	Diflucortol 1304000L00AA	2 1304000L0AAAAAA	TRUE	
34	Diflucortol 1304000L0AABBBB	1470 Oint	Crm	Y	Diflucortol 1304000L0AA	1 1304000L0AAAAAA	TRUE	
35	Fluocinolone 1304000N0AAABAB	26050 Crm	Gel	Y	Fluocinolone 1304000N0AA	1 1304000N0ABDBD	TRUE	
36	Fluocinolone 1304000N0AAADAD	23350 Crm	Oint	Y	Fluocinolone 1304000N0AA	1 1304000N0AABCBC	TRUE	
37	Fluocinolone 1304000N0AABBBB	36600 Oint	Crm	Y	Fluocinolone 1304000N0AA	1 1304000N0AAABAB	TRUE	
38	Fluocinolone 1304000N0AACDCD	22000 Oint	Crm	Y	Fluocinolone 1304000N0AA	1 1304000N0AAADAD	TRUE	
39	Fluocinolone 1304000N0AAABDBD	75780 Gel	Crm	Y	Fluocinolone 1304000N0AA	1 1304000N0AAABAB	TRUE	
40	Fluocinolone 1304000N0AACACCA	5565 Crm	Oint	Y	Fluocinolone 1304000N0AA	1 1304000N0AACCCC	TRUE	
41	Fluocinolone 1304000N0AACBCB	4440 Crm	Oint	Y	Fluocinolone 1304000N0AA	1 1304000N0ACDCD	TRUE	
42	Fluocinolone 1304000N0AACCCC	3000 Oint	Crm	Y	Fluocinolone 1304000N0AA	1 1304000N0AACACA	TRUE	
43	Fluocinolone 1304000N0AAACDCD	3330 Oint	Crm	Y	Fluocinolone 1304000N0AA	1 1304000N0AACBCB	TRUE	
44	Fluocinolide 1304000P0AAAAAA	20825 Crm	Oint	Y	Fluocinolide 1304000PO0AA	1 1304000P0AAABABA	TRUE	
45	Fluocinolide 1304000P0AAABABA	27525 Oint	Crm	Y	Fluocinolide 1304000PO0AA	1 1304000P0AAAAAA	TRUE	
46	Fludroxycort 1304000T0AAAAAA	12900 Crm	Oint	Y	Fludroxycort 1304000TO0AA	1 1304000T0AABABA	TRUE	
47	Fludroxycort 1304000T0AAABABA	15300 Oint	Crm	Y	Fludroxycort 1304000TO0AA	1 1304000T0AAAAAA	TRUE	
48	Hydrocort_C 1304000V0AAACAC	342045 Crm	Ear Dps		Hydrocort_E	#N/A	1 1201010Q0AAABAB	TRUE
49	Hydrocort_C 1304000V0AAADAD	3596865 Crm	Ear Dps		Hydrocort_E	#N/A	1 1201010Q0AAAAAA	TRUE
50	Hydrocort_C 1304000V0AAAF	67875 Crm	Eye Oint		Hydrocort_E	#N/A	1 1104010M0AAAEAE	TRUE
51	Hydrocort_C 1304000V0AAAWAW	88440 Crm	Eye Oint		Hydrocort_E	#N/A	1 1104010M0AAAMAM	TRUE
52	Hydrocort_O 1304000V0AABBBB	69240 Oint	Crm	Y	Hydrocort_C 1304000V0AA	1 1304000V0AAACAC	TRUE	
53	Hydrocort_O 1304000V0AABCBC	1205800 Oint	Crm	Y	Hydrocort_C 1304000V0AA	1 1304000V0AAADAD	TRUE	
54	Hydrocort_O 1304000V0AABDBD	23940 Oint	Crm	Y	Hydrocort_C 1304000V0AA	1 1304000V0AAAFAF	TRUE	
55	Hydrocort_M/1304000V0AACCHCH	3274380 Crm	Oint	Y	Hydrocort_M 1304000V0AA	1 1304000V0ACSCS	TRUE	
56	Hydrocort_M/1304000V0AACSCS	773820 Oint	Crm	Y	Hydrocort_M 1304000V0AA	1 1304000V0AACCHCH	TRUE	
57	Hydrocort_Bt 1304000W0AAAAAA	90910 Crm	Emollient Crm		Hydrocort_Bt	#N/A	1 1304000W0AAABAB	TRUE
58	Hydrocort_Bt 1304000W0AAABABA	23010 Oint	Crm	Y	Hydrocort_Bt 1304000W0A	1 1304000W0AAAAAA	TRUE	
59	Hydrocort_Bt 1304000W0AABBBB	29000 Scalp Lot	Crm	N	Hydrocort_Bt 1304000W0A	2 1304000W0AAAAAA	TRUE	
60	Hydrocort_Bt 1304000W0AAABDBD	3400 Emuls	Crm	Y	Hydrocort_Bt 1304000W0A	1 1304000W0AAAAAA	TRUE	
61	Hydrocort_Ac 1304000X0AAAAAA	3375 Crm	Ear Dps		Hydrocort_Ac	#N/A	1 1201010G0AAAEAE	TRUE
62	Hydrocort_Ac 1304000X0AAABABA	225 Oint	Crm	Y	Hydrocort_Ac 1304000X0AA	1 1304000X0AAAAAA	TRUE	
63	Hydrocort_Ac 1304000X0AACBCB	1149450 Crm	Gel		Hydrocort_Ac	#N/A	1 1304000X0AACICI	TRUE
64	Mometason_1304000Y0AAAAAA	1307170 Crm	Oint	Y	Mometason_1304000Y0AA	1 1304000Y0AABABA	TRUE	
65	Mometason_1304000Y0AAABABA	1762890 Oint	Crm	Y	Mometason_1304000Y0AA	1 1304000Y0AAAAAA	TRUE	
66	Mometason_1304000Y0AABBBB	71400 Scalp Lot	Crm	N	Mometason_1304000Y0AA	2 1304000Y0AAAAAA	TRUE	
67	Coal_Tar_Oin 1305020CO0AAAVAV	3000 Oint	Crm		Coal_Tar_Crm	#N/A	1 1305020CO0ABVBV	TRUE
68	Coal_Tar_Oin 1305020CO0AABSBS	2200 Oint	Crm		Coal_Tar_Crm	#N/A	1 1305020CO0ACBCB	TRUE
69	Calcipotriol_I 1305020D0AAAAAA	1556520 Oint	Crm	Y	Calcipotriol_I 1305020D0AA	1 1305020D0AAABAB	TRUE	
70	Calcipotriol_I 1305020D0AAABAB	1320 Crm	Oint	Y	Calcipotriol_I 1305020D0AA	1 1305020D0AAAAAA	TRUE	
71	Calcipotriol_I 1305020D0AAAF	1543050 Oint	Gel	Y	Calcipotriol_I 1305020D0AA	1 1305020D0AAAGAG	TRUE	
72	Calcipotriol_I 1305020D0AAAGAG	1088100 Gel	Oint	Y	Calcipotriol_I 1305020D0AA	1 1305020D0AAAF	TRUE	
73	Dithranol_Cr 1305020F0AABKBK	6300 Crm	Oint		Dithranol_Oi	#N/A	1 1305020F0AACICI	TRUE
74	Dithranol_Cr 1305020F0AABMBM	3750 Crm	Lipid Crm		Dithranol_Liq	#N/A	1 1305020F0AAEAEA	TRUE
75	Dithranol_Cr 1305020F0AACZCZ	13250 Crm	Oint		Dithranol_Oi	#N/A	1 1305020F0AABBNB	TRUE
76	Dithranol_Cr 1305020F0AADADA	6200 Crm	Oint		Dithranol_Oi	#N/A	1 1305020F0AAQBQ	TRUE
77	Dithranol_Cr 1305020F0AABDBB	3700 Crm	Oint		Dithranol_Oi	#N/A	1 1305020F0AACUCU	TRUE
78	Dithranol_Cr 1305020F0AADTDT	1150 Crm	Lipid Crm		Dithranol_Liq	#N/A	1 1305020F0AAEBEB	TRUE
79	Methoxsalen 1305020L0AAAJAJ	28 Tab	Cap		Methoxsalen	#N/A	1 1305020L0AAEEAE	TRUE
80	Tacalcitol_Oi 1305020R0AAAAAA	23030 Oint	Lot	Y	Tacalcitol_Lo	1305020R0AA	1 1305020R0AAABAB	TRUE
81	Tacalcitol_Lo 1305020R0AAABAB	2970 Lot	Oint	Y	Tacalcitol_Oi	1305020R0AA	1 1305020R0AAAAAA	TRUE
82	Salic Acid_Cr 1305020S0AAA4A4	3400 Crm	Collod		Salic Acid_Cc	#N/A	1 1307000M0AAAKAK	TRUE
83	Salic Acid_Oi 1305020S0AAABAB	117140 Oint	Collod		Salic Acid_Cc	#N/A	1 1307000M0AAARAR	TRUE
84	Salic Acid_Lo 1305020S0AAEAE	500 Lot	Collod		Salic Acid_Cc	#N/A	1 1307000M0AAARAR	TRUE

1	Tacrolimus_C_1305030C0AACAC	92700 Oint	Oral Gel	Tacrolimus_C #N/A	1 0802020T0AAAUAU	TRUE
2	Benzoyl Per_1306010C0AAAAAA	1720 Gel	Crm	Benzoyl Per_ #N/A	1 1306010C0AAAZAZ	TRUE
3	Benzoyl Per_1306010C0AAABAB	349180 Gel	Crm Y	Benzoyl Per_1306010C0AA	1 1306010C0AAADAD	TRUE
4	Benzoyl Per_1306010C0AAACAC	17560 Gel	A-Bact Skin Wt Y	Benzoyl Per_1306010C0AA	1 1306010C0AAAJAJ	TRUE
5	Benzoyl Per_1306010C0AAADAD	4040 Crm	Gel Y	Benzoyl Per_1306010C0AA	1 1306010C0AAABAB	TRUE
6	Benzoyl Per_1306010C0AAAJAJ	6450 A-Bact Skin Wsh	Crm	Benzoyl Per_ #N/A	3 1306010C0AAAKAK	TRUE
7	Clindamycin_I_1306010F0AAABAB	166320 Lot	Gel N	Clindamycin_1306010FO0AA	1 1306010F0AAADAD	TRUE
8	Clindamycin_I_1306010F0AAADAD	52830 Gel	Lot N	Clindamycin_1306010FO0AA	1 1306010F0AAABAB	TRUE
9	Adapalene_G_1306010H0AAAAAA	309285 Gel	Crm Y	Adapalene_C_1306010H0AA	1 1306010H0AAABAB	TRUE
10	Adapalene_C_1306010H0AAABAB	243315 Crm	Gel N	Adapalene_C_1306010H0AA	1 1306010H0AAAAAA	TRUE
11	Erythromycin_1306010I0AAAAAA	600 Top Soln	Gel	Erythromycin_ #N/A	2 1306010I0AAADAD	TRUE
12	Tretinoin_Ge_1306010V0AAABAB	240 Gel	Crm Y	Tretinoin_Cri_1306010V0OA	1 1306010V0AAAEAE	TRUE
13	Tretinoin_Cri_1306010V0AAAEAE	61 Crm	Gel Y	Tretinoin_Ge_1306010V0OA	1 1306010V0AAABAB	TRUE
14	Isotretinoin_I_1306020J0AAABAB	116282 Cap	Tab	Isotretinoin_ #N/A	1 1306020J0AAADAD	TRUE
15	Formaldehyd_1307000C0AAABAB	90 Soln Gel	Soln N	Formaldehyd_ #N/A	2 1307000CO0ABHBH	TRUE
16	Formaldehyd_1307000C0AAAF	942 Soln	Lot	Formaldehyd_ #N/A	1 1307000C0AAAAAA	TRUE
17	Formaldehyd_1307000C0AAALAL	2000 Buff Soln	Lot	Formaldehyd_ #N/A	2 1307000C0AAAGAG	TRUE
18	Glutaraldehyd_1307000FO0AAAAAA	3050 Soln	Gel	Glutaraldehyd_ #N/A	1 1307000FO0AAABAB	TRUE
19	Salic Acid_Oi_1307000M0AAAEEAE	3735 Oint	Collod	Salic Acid_Cc #N/A	1 1307000M0AAA9A9	TRUE
20	Salic Acid_So_1307000MO0AABABA	20330 Soln	Collod	Salic Acid_Cc #N/A	1 1307000MO0ABBJ	TRUE
21	Salic Acid_Ge_1307000MO0ABMBM	8230 Gel	Collod	Salic Acid_Cc #N/A	1 1307000MO0ABBJ	TRUE
22	Salic Acid_M_1307000M0AABSBS	397 Medic Plastr	Collod	Salic Acid_Cc #N/A	2 1307000M0AAAF	TRUE
23	Salic Acid_Oi_1307000MO0AABVBV	7800 Oint	Collod	Salic Acid_Cc #N/A	1 1307000MO0AAAGAG	TRUE
24	Caustic_Appl_1307000Q0AAAEEAE	679 Applic	Point	Caustic_Poin #N/A	1 1307000Q0AAAF	TRUE
25	Coal Tar_Ex_1309000CO0AANAN	1476625 Ext Shampoo	Emuls	Coal Tar_Emi #N/A	2 1305020CO0ABL	TRUE
26	Coal Tar_Ext_1309000CO0AAATAT	444000 Ext Shampoo	Crm	Coal Tar_Crn #N/A	2 1305020CO0ABVB	TRUE
27	Minoxidil_So_1309000H0AAAAAA	60 Soln	Gel Y	Minoxidil_Ge_1309000H0AA	1 1309000H0AAAKAK	TRUE
28	Minoxidil_Ge_1309000H0AAAKAK	60 Gel	Lot	Minoxidil_Lo #N/A	1 1309000H0AAABAB	TRUE
29	Minoxidil_Fo_1309000H0AAALAL	17580 Foam Aero	Lot	Minoxidil_Lo #N/A	2 1309000H0AAIAI	TRUE
30	Ketoconazol_1309000I0AAAAAA	8113920 Shampoo	Crm N	Ketoconazol_1310020LOAA	1 1310020L0AAAAAA	TRUE
31	Benzalk Chlo_1309000L0AAABAB	334500 Shampoo	Gel	Benzalk Chlo #N/A	1 1309000L0AAAAAA	TRUE
32	Selenium Sul_1309000S0AAABAB	749100 Shampoo	Crm	Selenium Sul #N/A	1 1309000S0AAACAC	TRUE
33	Mupirocin_O_1310011M0AAAAAA	69135 Oint	Crm N	Mupirocin_C_1310011M0A	1 1310011M0AAABAB	TRUE
34	Mupirocin_C_1310011M0AAABAB	25215 Crm	Nsl Oint N	Mupirocin_N_1202030R0AA	1 1202030R0AAAAAA	TRUE
35	Neomycin Su_1310011P0AAAAAA	165 Crm	Ear Dps	Neomycin Su #N/A	1 1201010T0AAAAAA	TRUE
36	Fusidic Acid_1310012F0AAABAB	1881930 Crm	Caviject	Fusidic Acid_ #N/A	1 1310012F0AAAAAA	TRUE
37	Fusidic Acid_1310012F0AACAC	30 Gel	Caviject	Fusidic Acid_ #N/A	1 1310012F0AAAAAA	TRUE
38	Metronidazo_1310012K0AAQAQ	225 Gel	Crm	Metronidazo_ #N/A	1 1310012K0AAAF	TRUE
39	Metronidazo_1310012K0AAARAR	386910 Gel	Crm N	Metronidazo_1310012K0AA	1 1310012K0AAAXAX	TRUE
40	Metronidazo_1310012K0AAAXAX	249440 Crm	Gel Y	Metronidazo_1310012K0AA	1 1310012K0AAARAR	TRUE
41	Terbinafine_F_131002030AAAAAA	687417 Crm	Gel Y	Terbinafine_F_131002030AA	1 131002030AAACAC	TRUE
42	Terbinafine_F_131002030AACAC	4200 Gel	Crm Y	Terbinafine_F_131002030AA	1 131002030AAAAAA	TRUE
43	Terbinafine_F_131002030AAADAD	896 Soln	Crm Y	Terbinafine_F_131002030AA	1 131002030AAAAAA	TRUE
44	Clotrimazole_1310020H0AAAAAA	42360 Soln	Crm Y	Clotrimazole_1310020H0AA	1 1310020H0AAABAB	TRUE
45	Clotrimazole_1310020H0AAABAB	2486105 Crm	Eye Dps	Clotrimazole_ #N/A	1 1103020CO0AAAAAA	TRUE
46	Econazole_Ni_1310020J0AAAAAA	6360 Crm	Lot	Econazole_Ni #N/A	1 1310020J00AABAB	TRUE
47	Ketoconazol_1310020L0AAAAAA	202590 Crm	Shampoo N	Ketoconazol_1309000IO0AA/	1 1309000IO0AAAAAA	TRUE
48	Miconazole_N_1310020N0AAAAAA	1366140 Crm	Dust Pdr N	Miconazole_N_1310020N0AA	1 1310020N0AAABAB	TRUE
49	Miconazole_N_1310020N0AAABAB	50360 Dust Pdr	Crm N	Miconazole_N_1310020N00A	2 0702020P0AAAF	TRUE
50	Nystatin_Crr_1310020U0AAAAAA	60 Crm	Dust Pdr	Nystatin_Dur #N/A	1 1310020U00AABAB	TRUE
51	Tolnaftate_D_1310020Y0AAABAB	1200 Dust Pdr	Crm	Tolnaftate_C #N/A	2 1310020Y0AAAAAA	TRUE
52	Malathion_A_1310040M0AACAC	200 Alcoholic Lot	Aq Lot Y	Malathion_A_1310040M0A/	2 1310040M0AAADAD	TRUE
53	Malathion_A_1310040M0AAADAD	509200 Aq Lot	Alcoholic Lot Y	Malathion_A_1310040M0A/	2 1310040M0AAACAC	TRUE
54	Dimeticone_1310040V0AAAAAA	249550 Lot	Crm	Dimeticone_ #N/A	1 1302020D0AAAJAJ	TRUE
55	Dimeticone_1310040V0AAAEAE	53 Soln Spy	Lot Spy	Dimeticone_ #N/A	2 1310040V0AAADAD	TRUE
56	Cetrimide_Cr_1310050D0AAAAAA	7160 Crm	Soln	Cetrimide_Sc #N/A	1 1311030G0AAAKAK	TRUE
57	Hydrogen Pe_1310050H0AAAAAA	10425 Crm	Lipid Crm	Hydrogen Pe #N/A	1 1310050H0AAABAB	TRUE
58	Chlorhex Glu_1310050J0AAAAAA	510 Clr Gel	Soln N	Chlorhex Glu_1311020L0AA	2 1311020L0AAALAL	TRUE
59	Dibromprop_1310050K0AAAAAA	650 Crm	Eye Oint N	Dibromprop_1103010E0AA	1 1103010E0AAAAAA	TRUE
60	Ims_70%_1311010A0AAADAD	3600 Soln	Soln	#VALUE! #VALUE!	0 #VALUE!	TRUE
61	Isopropyl Alc_1311010I0AAABAB	4700 Pre-Inj Swab		#VALUE! #VALUE!	0 #VALUE!	TRUE
62	Sod Chlor_Sc_1311010S0AAADAD	5100 Soln	Eye Dps Y	Sod Chlor_Ey_1108010K0AA	1 1108010K0AAAAAA	TRUE
63	Chlorhex Glu_1311020L0AAAEAE	450 Cleansing Lot	Soln	Chlorhex Glu #N/A	2 1311020L0AABPB	TRUE
64	Chlorhex Glu_1311020L0AAAF	10750 Crm	Emollient/Crm Y	Chlorhex Glu_13202010Z0AA	1 13202010Z0AAAAAA	TRUE
65	Chlorhex Glu_1311020L0AAAKAK	39200 Soln Conc	Crm	Chlorhex Glu #N/A	2 1310050J0AAAGAG	TRUE
66	Chlorhex Glu_1311020L0AAALAL	57425 Soln	Clr Gel N	Chlorhex Glu_1310050J0AA	1 1310050J0AAAAAA	TRUE
67	Chlorhex Glu_1311020L0AAANAN	44400 Soln	Crm Y	Chlorhex Glu_1311020L0AA	1 1310050J0AAABAB	TRUE
68	Chlorhex Glu_1311020L0AAPAP	4 Soln	Eye Dps	Chlorhex Glu #N/A	1 1103010200AABAB	TRUE
69	Povidone-loc_1311040K0AAAF	8500 Alcoholic Soln	Antis Soln	Povidone-loc #N/A	2 1311040K0AAAAAA	TRUE
70	Povidone-loc_1311040K0AAAKAK	32500 Surg Scrub	Scalp/Skin Cleanser	Povidone-loc #N/A	2 1311040K0AAAJAJ	TRUE
71	Povidone-loc_1311040K0AAATAT	60590 Soln	Alcoholic Soln N	Povidone-loc_1311040K0AA	1 1311040K0AAAF	TRUE
72	Sod Hypochl_1311040T0AAABABA	10000 Soln	Sterilising Soln	Sod Hypochl #N/A	1 1311040T0AACAC	TRUE
73	Tricosan_Liq_1311050U0AAAI	67700 Liq	Crm	Tricosan_Cri #N/A	1 1311050U0AAAEAE	TRUE
74	Glycopyrroni_1312000G0AAAMAM	531 Crm	Oint	Glycopyrroni #N/A	1 1312000G0AAAEAE	TRUE
75	Glycopyrroni_1312000G0AAAUU	200 Aq Crm	Crm	Glycopyrroni #N/A	2 1312000G0AAANAN	TRUE
76	Glycopyrroni_1312000G0ABCBC	17000 Top Soln	Crm	Glycopyrroni #N/A	2 1312000G0AAAYAY	TRUE
77	Heparinoid_C_1314000H0AAAAAA	264750 Crm	Gel Y	Heparinoid_C_1314000H0AA	1 1314000H0AAABAB	TRUE
78	Heparinoid_C_1314000H0AAABAB	129400 Gel	Crm Y	Heparinoid_C_1314000H0AA	1 1314000H0AAAAAA	TRUE
79	Hydroquinon_1315000G0AAAWAW	100 Crm	Oint	Hydroquinon #N/A	1 1315000G0AAARAR	TRUE
80	Rabies_Vac_I_1404000N0AAAAAA	72 Vac Inact (HDC)	Vac Inact (PCE N	Rabies_Vac_I_1404000N0AA	3 1404000N0AAABAB	TRUE
81	Rabies_Vac_I_1404000N0AAABAB	38 Vac Inact (PCEC)	Vac Inact (HDC N	Rabies_Vac_I_1404000N0AA	3 1404000N0AAAAAA	TRUE
82	Meningoc_V_1404000X0AAAHAH	4 Vac Group B	Vac C	Meningoc_V #N/A	3 1404000X0AAAF	TRUE
83	Cocaine_Mt_1502010G0AAADAD	2700 Mthwsh	Eye Dps	Cocaine_Eye #N/A	1 1107000F0AAADAD	TRUE
84	Lido_Oint_5%_1502010I0AAAEAE	68160 Oint	Medic Plastr N	Lido_Medic_F_1502010J0AAI	1 1502010J0AAEEL	TRUE

1	Lido HCl_Top 1502010J0AAAKAK	40 Top Soln	Gel	Lido HCl_Gel	#N/A	2	1502010J0AABPBP	TRUE
2	Lido HCl_Inj : 1502010J0AABDBD	8249 Inj	Anhy Inj	Lido HCl_Anl	#N/A	1	1502010J0AAAQAQ	TRUE
3	Lido HCl_Inj : 1502010J0AABEBE	13662 Inj	Anhy Inj	Lido HCl_Anl	#N/A	1	1502010J0AARAR	TRUE
4	Lido HCl_Gel 1502010J0AABMBM	85 Gel	Mthwsh	Lido HCl_Mtt	#N/A	1	1502010J0AAEFEF	TRUE
5	Lido HCl/Prlk 1502010J0AABYBY	98853 Crm	Skin Patch	Lido HCl/Prlk	#N/A	1	1502010J0AADZDZ	TRUE
6	Lido_Medic F 1502010J0AAELEL	579615 Medic Plastr	Oint N	Lido_Oint 5% 1502010J0AA/		2	1502010J0AAAEAE	TRUE
7	Lido HCl_Gel 1502010J0AAEPEP	1565 Gel	Antis Gel (S)	Lido HCl_Ant	#N/A	1	1502010J0ACSCS	TRUE
8	Ammon Sulf_ 190500000AAACAC	224 Cap	Tab	Ammon Sulf_	#N/A	1	190500000AABKBK	TRUE
9	Acetic Acid_ 190600000AAA9A9	1000 Soln	Ear Dps	Acetic Acid_f	#N/A	1	1201010B0AAAEAE	TRUE
10	Peppermint_ 190601000AAAKAK	5114 Water Conc BP	Water BP N	Peppermint_ 190601000AA		3	190601000AAALAL	TRUE
11	Peppermint_ 190601000AAALAL	64800 Water BP	Water Conc BF N	Peppermint_ 190601000AA		2	190601000AAAKAK	TRUE
12			Tab					TRUE
13			Tab					TRUE
14			Tab Chble					TRUE
15			Pdrs					TRUE
16			Tab					TRUE
17			Tab					TRUE
18			Susp					TRUE
19			Susp					TRUE
20			Oral Susp					TRUE
21			Oral Soln					TRUE
22			Oral Susp					TRUE
23			Oral Soln					TRUE
24			Oral Susp					TRUE
25			Oral Soln					TRUE
26			Mthwsh					TRUE
27			Oral Susp					TRUE
28			Mthwsh					TRUE
29			Oral Soln					TRUE
30			Disper Tab					TRUE
31			Tab Eff					TRUE
32			Disper Tab					TRUE
33			Tab					TRUE
34			Susp					TRUE
35			Oral Susp					TRUE
36			Oral Soln					TRUE
37			Tab					TRUE
38			Tab E/C					TRUE
39			Cap E/C					TRUE
40			Tab E/C					TRUE
41			Tab					TRUE
42			Tab E/C					TRUE
43			Tab					TRUE
44			Tab					TRUE
45			Oint					TRUE
46			Gel					TRUE
47			Syr					TRUE
48			Pdrs					TRUE
49			Susp					TRUE
50			Syr					TRUE
51			Syr					TRUE
52			Syr					TRUE
53			Syr					TRUE
54			Susp					TRUE
55			Syr					TRUE
56			Syr					TRUE
57			Syr					TRUE
58			Susp					TRUE
59			Syr					TRUE
60			Syr					TRUE
			Syr					TRUE
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			Syr					TRUE
			Syr					TRUE
			Susp					TRUE
			Susp					TRUE
			Susp					TRUE
			Susp					TRUE
			Oral Susp					TRUE
			Oral Soln					TRUE
			Oral Susp					TRUE
			Oral Soln					TRUE
			Oral Susp					TRUE
			Oral Soln					TRUE
			Oral Susp					TRUE
			Oral Soln					TRUE
			Oral Susp					TRUE
			Oral Soln					TRUE
			Oral Susp					TRUE
			Oral Soln					TRUE

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1 Oral Susp  
2 Oral Soln  
3 Oral Soln  
4 Oral Susp  
5 Oral Susp  
6 Susp  
7 Suppos  
8 Suppos  
9 Suppos  
10 Susp  
11 Tab Sublingual  
12 Oral Susp  
13 Susp  
14 Oral Soln  
15 Susp  
16 Oral Susp  
17 Susp  
18 Oral Soln  
19 Susp  
20 Oral Susp  
21 Susp  
22 Oral Susp  
23 Susp  
24 Oral Soln  
25 Oral Susp  
26 Susp  
27 Oral Susp  
28 Susp  
29 Oral Susp  
30 Susp  
31 Oral Susp  
32 Oral Soln  
33 Oral Susp  
34 Oral Soln  
35 Oral Susp  
36 Susp  
37 Oral Soln  
38 Susp  
39 Oral Susp  
40 Susp  
41 Oral Soln  
42 Susp  
43 Oral Susp  
44 Oral Soln  
45 Oral Soln  
46 Suppos  
47 Tab  
48 Tab Eff Solb  
49 Tab Solb  
50 Suppos  
51 Tab Eff  
52 Tab  
53 Tab Eff  
54 Tab  
55 Suppos  
56 Syr  
57 Pdrs  
58 Suppos  
59 Tab  
60 Tab Solb  
Tab Spec Fine Grade

1 Syr  
2 Syr  
3 Syr  
4 Capl  
5 Pdrs  
6 Suppos  
7 Tab Solb  
8 Tab Spec Fine Grade  
9 Capl  
10 Pdrs  
11 Suppos  
12 Tab  
13 Tab Spec Fine Grade  
14 Pdrs  
15 Suppos  
16 Tab  
17 Syr  
18 Pdrs  
19 Solb Gran Sach  
20 Tab  
21 Tab Solb  
22 Pdrs  
23 Tab  
24 Tab Solb  
25 Pdrs  
26 Capl  
27 Pdrs  
28 Tab  
29 Tab Solb  
30 Tab Spec Fine Grade  
31 Rapid Tab  
32 Tab  
33 Tab  
34 Oral Susp  
35 Syr  
36 Syr  
37 Suppos  
38 Tab  
39 Solb Gran Sach  
40 Suppos  
41 Tab  
42 Solb Gran Sach  
43 Suppos  
44 Tab Solb  
45 Tab Buccal  
46 Tab Buccal  
47 Tab Buccal  
48 Tab Sublingual  
49 Tab Sublingual  
50 Tab Sublingual  
51 Suppos  
52 Suppos  
53 Gran Sach  
54 Gran Sach  
55 Gran Sach  
56 Gran Sach  
57 Tab  
58 Tab  
59 Tab  
60 Tab  
61 Tab  
62 Tab  
63 Tab  
64 Tab  
65 Tab  
66 Tab  
67 Tab  
68 Suppos  
69 Oral Susp  
70 Oral Soln  
71 Tab G/R  
72 Pdrs  
73 Pdrs  
74 Tab

1 Tab  
2 Oral Susp  
3 Susp  
4 Syr  
5 Oral Susp  
6 Susp  
7 Pdrs  
8 Suppos  
9 Tab Chble  
10 Tab  
11 Pdrs  
12 Syr  
13 Oral Soln  
14 Oral Susp  
15 Susp  
16 Syr  
17 Syr  
18 Oral Susp  
19 Oral Susp  
20 Oral Susp  
21 Tab Disper  
22 Liq Spec  
23 Pdrs  
24 Pdrs  
25 Suppos  
26 Pdrs  
27 Oral Soln  
28 Oral Susp  
29 Soln  
30 Soln  
31 Liq  
32 Mix  
33 Sod Tab  
34 Suppos  
35 Sod Clear Cap  
36 Suppos  
37 Sod Pdrs  
38 Sod Tab  
39 Suppos  
40 Tab Chble  
41 Suppos  
42 Suppos  
43 Tab  
44 Sod Clear Cap  
45 Sod Pdrs  
46 Sod Tab  
47 Suppos  
48 Tab Chble  
49 Tab Disp  
50 Tab Chble  
51 Tab Disper  
52 Tab Chble  
53 Tab Chble  
54 Tab  
55 Pdr Sach  
56 Tab  
57 Cap E/C  
58 Ethylsuc Cap  
59 Ethylsuc Sach  
60 Ethylsuc Tab  
52 Suppos  
53 Ethylsuc Cap  
54 Ethylsuc Sach  
55 Ethylsuc Tab  
56 Suppos  
57 Tab E/C  
58 Ethylsuc Sach  
59 Tab E/C  
60 Susp  
53 Syr  
54 Syr  
55 Syr  
56 Tab  
57 Pdrs  
58 Inf(Sod Cholestryl)  
59 Oral Susp Add Free  
60 Mix

1 Tab Uncoated  
2 Mix  
3 Susp  
4 Syr  
5 Inj (Hum Prb)  
6 Inj (Hum Pyr)  
7 Inj (Pore Mc)  
8 Inj (Pore)  
9 Inj (Hum Emp)  
10 Inj (Hum Prb)  
11 Inj (Hum Pyr)  
12 Inj (Pore Mc)  
13 Inj (Hum Emp)  
14 Inj (Hum Pyr)  
15 Inj (Pore)  
16 Sach  
17 Susp  
18 Susp  
19 Pdrs  
20 Tab  
21 Tab  
22 Pdrs  
23 Tab  
24 Pdrs  
25 Pdrs  
26 Pdrs  
27 Pdrs  
28 Pdrs  
29 Pdrs  
30 Pdrs  
31 Oral Soln  
32 Susp  
33 Syr  
34 Pdrs  
35 Suppos  
36 Syr  
37 Syr  
38 Syr  
39 Tab E/C  
40 Tab E/C  
41 Tab E/C  
42 Tab Solb  
43 Tab  
44 Tab  
45 Tab  
46 Tab  
47 Tab  
48 Tab  
49 Tab  
50 Tab  
51 Tab  
52 Tab  
53 Tab  
54 Tab  
55 Tab  
56 Tab  
57 Tab  
58 Tab  
59 Tab  
60 Tab  
For peer review only

1 Tab E/C  
2 Tab  
3 Eye Irrig  
4 Eye Lot  
5 Eye Oint  
6 Irrig  
7 Nels  
8 Nsl Douche  
9 Nsl Dps  
10 Nsl Mist  
11 Nsl Soln  
12 Soln  
13 Soln Ster  
14 Top Irrig  
15 Top Irrig  
16 Top Irrig  
17 Pdrs  
18 Sach  
19 Tab  
20 Pdrs  
21 Sach  
22 Tab Eff  
23 Pdrs  
24 Pdrs  
25 Tab  
26 Soln  
27 Soln  
28 Pdrs  
29 Pdrs  
30 Susp  
31 Oral Susp  
32 Susp  
33 Syr  
34 Oral Soln  
35 Susp  
36 Syr  
37 Pdrs  
38 Tab  
39 Pdrs  
40 Susp  
41 Oral Susp  
42 Susp  
43 Oral Soln  
44 Susp  
45 Pdrs  
46 Pdrs  
47 Tab  
48 Tab Eff  
49 Tab Eff Solb  
50 Capl  
51 Orodisper Tab  
52 Rapid Tab  
53 Tab  
54 Tab Eff  
55 Tab Eff Solb  
56 Gran Eff Sach  
57 Tab  
58 Capl  
59 Rapid Tab  
60 Tab  
61 Tab Eff  
62 Tab Eff Solb  
63 Oral Susp  
64 Oral Soln

1 Tab Disper  
2 Suppos  
3 Tab E/C  
4 Suppos  
5 Tab  
6 Tab Disper  
7 Suppos  
8 Oral Susp  
9 Susp  
10 Susp  
11 Susp  
12 Oral Susp  
13 Susp  
14 Oral Soln  
15 Susp  
16 Oral Susp  
17 Oral Soln  
18 Spy  
19 Spy  
20 Eye Dps  
21 Soln  
22 Eye Oint  
23 Oint  
24 Ear/Eye/Nsl Dps  
25 Eye/Ear/Nose Dps  
26 Nsl Dps  
27 Eye Oint  
28 Eye/Ear/Nose Dps  
29 Nsl Dps  
30 Eye/Ear Dps  
31 Eye Dps  
32 Eye Dps Viscous  
33 Nsl Dps  
34 Eye Lot  
35 Eye Oint  
36 I/V Inf  
37 Irrig  
38 Nels  
39 Nsl Douche  
40 Nsl Dps  
41 Nsl Mist  
42 Nsl Soln  
43 Soln  
44 Soln Ster  
45 Nsl Dps  
46 Nsl Dps  
47 Eye Lot  
48 Nsl Dps  
49 Ster Soln  
50 Ster Resp Soln  
51 Eye Oint  
52 Inh Soln  
53 Nsl Dps  
54 Soln  
55 Ster Resp Soln  
56 Ster Soln  
57 Oint  
58 Oromucosal Tab  
59 Pdrs  
60 Mthwsh

1 Scalp Lot  
2 Oint  
3 Oint  
4 Scalp Applic  
5 Lot  
6 Scalp Applic  
7 Oint  
8 Scalp Applic  
9 Lot  
10 Oint  
11 Lot  
12 Scalp Applic  
13 Scalp Applic  
14 Oint  
15 Oily Crm  
16 Oint  
17 Fatty Oint  
18 Oint  
19 Fatty Oint  
20 Oily Crm  
21 Lot  
22 Oint  
23 Gel  
24 Lot  
25 Lot  
26 Oint  
27 Scalp Lot  
28 Scalp Lot  
29 Eye Dps  
30 Eye Oint  
31 Lot  
32 Oint  
33 Eye Dps  
34 Eye Dps  
35 Eye Oint  
36 High Lipid Crm  
37 Lot  
38 Mthwsh  
39 Oint  
40 Eye Oint Lanolin Free  
41 Lot  
42 Oint  
43 Oint  
44 Scalp Lot  
45 Emollient Crm  
46 Emuls  
47 Scalp Lot  
48 Emollient Crm  
49 Emuls  
50 Oint  
51 Scalp Lot  
52 Emollient Crm  
53 Oint  
54 Scalp Lot  
55 Scalp Lot  
56 Scalp Lot  
57 Paste  
58 Soln  
59 Oint Strong  
60 Paste  
61 Soln  
62 Paste  
63 Pomade  
64 Oint

1 Paste  
2 Pomade  
3 Wax Sticks  
4 Paste  
5 Pomade  
6 Paste  
7 Pomade  
8 Wax Sticks  
9 Paste  
10 Pomade  
11 Lot  
12 Oint  
13 Paste  
14 Crm  
15 Gel  
16 Lot  
17 Paste  
18 Soln  
19 Crm  
20 Gel  
21 Oint  
22 Paste  
23 Soln  
24 Lot  
25 Crm  
26 Lot  
27 Gel  
28 Lot  
29 Lactobi Lot  
30 Lot  
31 Lot  
32 Soln  
33 Crm  
34 Gel  
35 Soln  
36 Oint  
37 Paste  
38 Soln  
39 Emuls  
40 Oint  
41 Oint Strong  
42 Paste  
43 Soln  
44 Lot  
45 Soln  
46 Soln  
47 Nsl Oint  
48 Oint  
49 Eye Dps  
50 Eye Dps Ud  
51 Eye Oint  
52 Oint  
53 Gel  
54 Crm  
55 Top Soln  
56 Vag Gel  
57 Top Soln  
58 Vag Gel  
59 Soln  
60 Soln  
61 Gel  
62 Eye Dps  
63 Pdr  
64 Pdr  
65 Soln  
66 Pdr  
67 Soln  
68 Gel  
69 Oint  
70 Soln  
71 Lot  
72 Lot  
73 Soln  
74 Eye Irrig  
75 Eye Lot  
76 Eye Oint

1 I/V Inf  
2 Irrig  
3 Nels  
4 Nsl Douche  
5 Nsl Dps  
6 Nsl Mist  
7 Nsl Soln  
8 Soln Ster  
9 Soln  
10 Emollient/Crm  
11 Oint  
12 Soln  
13 Skin Cleanser Soln  
14 Antis Soln  
15 Oint  
16 Lot  
17 Soln  
18 Oint  
19 Soln  
20 Soln  
21 Vac Inact (PDE)  
22 Vac Inact (PDE)  
23 Skin Patch  
24 Soln  
25 Mucilage  
26 Skin Patch  
27 Gel (S)  
28 Oint  
29 Soln Glacial  
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**Appendix B – BNF codes excluded from price-per-unit analysis**

0302000C0 \_\_\_\_ BE  
0302000C0 \_\_\_\_ BF  
0302000C0 \_\_\_\_ BH  
0302000C0 \_\_\_\_ BG  
0904010H0%  
0904010H0%  
1311070S0 \_\_\_\_ AA  
1311020L0 \_\_\_\_ BS  
0301020S0 \_\_\_\_ AA  
190700000BBCJA0  
0604011L0BGAAAH  
1502010J0 \_\_\_\_ BY  
0107010S0AAAGAG  
060106000BBAAA0  
190201000AABJBJ  
190201000AABKBK  
190201000AABLBL  
190201000AABMBM  
190201000AABNBN  
190202000AAADAD

STROBE Statement—Checklist of items that should be included in reports of *cohort studies*

	<b>Item No</b>	<b>Recommendation</b>	<b>Page</b>
1	Title and abstract	(a) Indicate the study's design with a commonly used term in the title or the abstract  (b) Provide in the abstract an informative and balanced summary of what was done and what was found	1 2
2	<b>Introduction</b>		
3	Background /rationale	Explain the scientific background and rationale for the investigation being reported	4
4	Objectives	State specific objectives, including any prespecified hypotheses	4
5	<b>Methods</b>		
6	Study design	Present key elements of study design early in the paper	7
7	Setting	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	7
8	Participants	(a) Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up	7
9		(b) For matched studies, give matching criteria and number of exposed and unexposed	N/A
10	Variables	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	N/A
11	Data sources/ measurement	For each variable of interest, give sources of data and details of methods of assessment (measurement). Describe comparability of assessment methods if there is more than one group	8
12	Bias	Describe any efforts to address potential sources of bias	N/A - all practices used
13	Study size	Explain how the study size was arrived at	8
14	Quantitative variables	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	9
15	Statistical methods	(a) Describe all statistical methods, including those used to control for confounding	9
16		(b) Describe any methods used to examine subgroups and interactions	9
17		(c) Explain how missing data were addressed	N/A
18		(d) If applicable, explain how loss to follow-up was addressed	N/A
19		(e) Describe any sensitivity analyses	N/A
20	<b>Results</b>		
21	Participants	(a) Report numbers of individuals at each stage of study—eg numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study, completing follow-up, and analysed	13
22		(b) Give reasons for non-participation at each stage	N/A
23		(c) Consider use of a flow diagram	N/A
24	Descriptive data	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders	N/A - no individual participants
25		(b) Indicate number of participants with missing data for each variable of interest	N/A
26		(c) Summarise follow-up time (eg, average and total amount)	N/A
27	Outcome data	Report numbers of outcome events or summary measures over time	Table 1
28	Main results	(a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (eg, 95% confidence interval). Make clear which confounders were adjusted for and why they were included	N/A

		(b) Report category boundaries when continuous variables were categorized	Table 1
		(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	N/A
Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses	N/A
<b>Discussion</b>			
Key results	18	Summarise key results with reference to study objectives	19
Limitations	19	Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias	19
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	20
Generalisability	21	Discuss the generalisability (external validity) of the study results	N/A
<b>Other information</b>			
Funding	22	Give the source of funding and the role of the funders for the present study and, if applicable, for the original study on which the present article is based	22

\*Give information separately for exposed and unexposed groups.

**Note:** An Explanation and Elaboration article discusses each checklist item and gives methodological background and published examples of transparent reporting. The STROBE checklist is best used in conjunction with this article (freely available on the Web sites of PLoS Medicine at <http://www.plosmedicine.org/>, Annals of Internal Medicine at <http://www.annals.org/>, and Epidemiology at <http://www.epidem.com/>). Information on the STROBE Initiative is available at <http://www.strobe-statement.org>.